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ABSTRACT

This report presents data on postsecondary degrees conferred by U.S. institutions during the 1997-1998 academic year (July 1, 1997 to June 30, 1998). The data were collected through the Department of Education's Integrated Postsecondary Education Data System (IPEDS). The report focuses on institutions that have a Program Participation Agreement with the Department of Education and are eligible to participate in Title IV programs and which grant associate's or higher degrees. OF the 9,355 postsecondary institutions in the 50 states and the District of Columbia identified by IPEDS, a little less than half (4,455) are categorizes as degree-granting. Of these, 90.1% (4,015) are Title IV participating institutions, forming the basis of this report. In the 1997-1998 academic year, nearly 2.3 million degrees were awarded by these institutions. Of the total degrees, 24.3% were associate's degrees, 51.5% were bachelor's degrees, 18.7% were master's degrees, 2.0% were doctor's degrees, and 3.4% were first professional degrees. Public institutions awarded the majority of degrees at all levels, except for first professional degrees. The majority of degrees at associate's, bachelor's, and master's levels continued to be awarded to women. The proportion of degrees awarded to minority students was highest at the associate's level (23.2%) and dropped at each successive level through the doctor's degree. Nearly one-fifth of all bachelor's degrees were awarded in business management/administrative services, with another 10.6% awarded in the social sciences and history, and 8.9% in education. Information about the students receiving degrees and the degrees awarded is summarized in 21 tables. (SLD)

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Degrees and Other Awards Conferred by Title IV Participating, Degree-granting Institutions: 1997-98

Frank B. Morgan

Postsecondary Studies Division

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Summary

This report presents data on postsecondary degrees conferred by U.S. institutions during the 1997-98 academic year (July 1, 1997 to June 30, 1998). The data were collected through the Department of Education's Integrated Postsecondary Education Data System (IPEDS).[1] IPEDS collects, among other data, the number of degrees and awards conferred in each field of study by award level (ranging from postsecondary certificates requiring less than 1 year to doctor's and first-professional degrees[2] and certificates), and by race/ethnicity and gender of recipient.

Discipline divisions and fields of study are based on classifications delineated in the 1990 version of the *Classification of Instructional Programs* (CIP) taxonomy. The CIP, developed and maintained by NCES, is the federally accepted standard for collecting, reporting, and interpreting postsecondary education program data.

This report focuses on institutions that (1) have a Program Participation Agreement (PPA) with the Department of Education and are eligible to participate in Title IV programs, (2) grant associate's or higher degrees, and (3) are within the 50 states and the District of Columbia. Of the 9,355 postsecondary institutions within the 50 states and the District of Columbia identified by IPEDS, a little less than half (4,455) are categorized as degree-granting. Of these, 4,015 or 90.1 percent are Title IV participating institutions and form the basis for this report. Title IV of the Higher Education Act of 1965 (as amended) establishes federal financial aid programs (e.g., Pell Grants, Stafford Loans, etc) for students attending postsecondary institutions. Students attending institutions with a PPA may be eligible either to receive Title IV funds or to defer repayment of their loans.

Degrees Awarded

In the 1997-98 academic year, nearly 2.3 million degrees were awarded by America's Title IV participating, degree-granting institutions. Of the total number of degrees awarded, 24.3 percent were associate's degrees, 51.5 percent were bachelor's degrees, 18.7 percent were master's degrees, 2.0 percent were doctor's degrees and 3.4 percent were first-professional degrees (table A).

Public institutions awarded the majority of degrees at all degree levels, except for first-professional degrees. Public institutions awarded 81.5 percent of associate's degrees, about two-thirds of bachelor's and doctor's degrees, and 54.8 percent of master's degrees. By contrast, public institutions awarded 39.7 percent of first-professional degrees (table B).

The majority of degrees in 1997-98 at the associate's, bachelor's, and master's degrees continued to be awarded to women. Degrees awarded to women at the doctoral degree level represented 42.0 percent and at the first-professional level 42.9 percent (figure A and table B).

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[1] The "Completions" survey was sent to all institutions that award associate's or higher level degrees or postbaccalaureate or higher certificates and that have Program Participation Agreements with the Department of Education. Postsecondary institutions that award only less-than-4-year certificates or diplomas reported completions as part of the IPEDS "Consolidated" survey. The "Completions" data file combines data from the two surveys so that a complete picture of the universe of eligible postsecondary education institutions in the 50 states, the District of Columbia, and the territories is possible.

[2] First-professional degrees are awarded after completion of the academic requirements to begin practice in the following professions: Chiropractic (D.C. or D.C.M.); Dentistry (D.D.S. or D.M.D.); Law (L.L.B., J.D.); Medicine (M.D.); Optometry (O.D.); Osteopathic Medicine (D.O.); Pharmacy (Pharm.D.); Podiatry (D.P.M., D.P., or Pod.D.); Theology (M.Div., M.H.L., B.D., or Ordination); or Veterinary Medicine (D.V.M.).

Nearly three-quarters (72.2 percent) of all degrees awarded in 1997-98 were awarded to white students, 19.8 percent were awarded to minority students, and 8.0 percent were awarded to non-resident aliens or individuals whose race/ethnicity was unknown. These percentages, however, varied considerably by level of degree. For example, nonresident aliens received less than 4 percent of all associate's, bachelor's, or first-professional degrees, but they received 12.2 percent of all master's degrees and 24.6 percent of all doctor's degrees (table B).

The proportion of degrees awarded to minority students was highest at the associate's level (23.2 percent) and dropped at each successive degree level through the doctor's degree; the minority shares were 20.0 percent of bachelor's degrees, 15.3 percent of master's degrees, and 12.2 percent of doctor's degrees. One-fifth (21.5 percent) of first-professional degrees went to minorities. This drop was even more precipitous when Blacks, Hispanics, and American Indians are examined separately from Asian/Pacific Islanders. Blacks, Hispanics, and American Indians received 18.8 percent of all associate's degrees in 1997-98, 14.1 percent of bachelor's degrees, 10.7 percent of master's degrees, 7.3 percent of doctor's degrees, and 11.9 percent of first-professional degrees. (figure A and table B).

Degree Fields

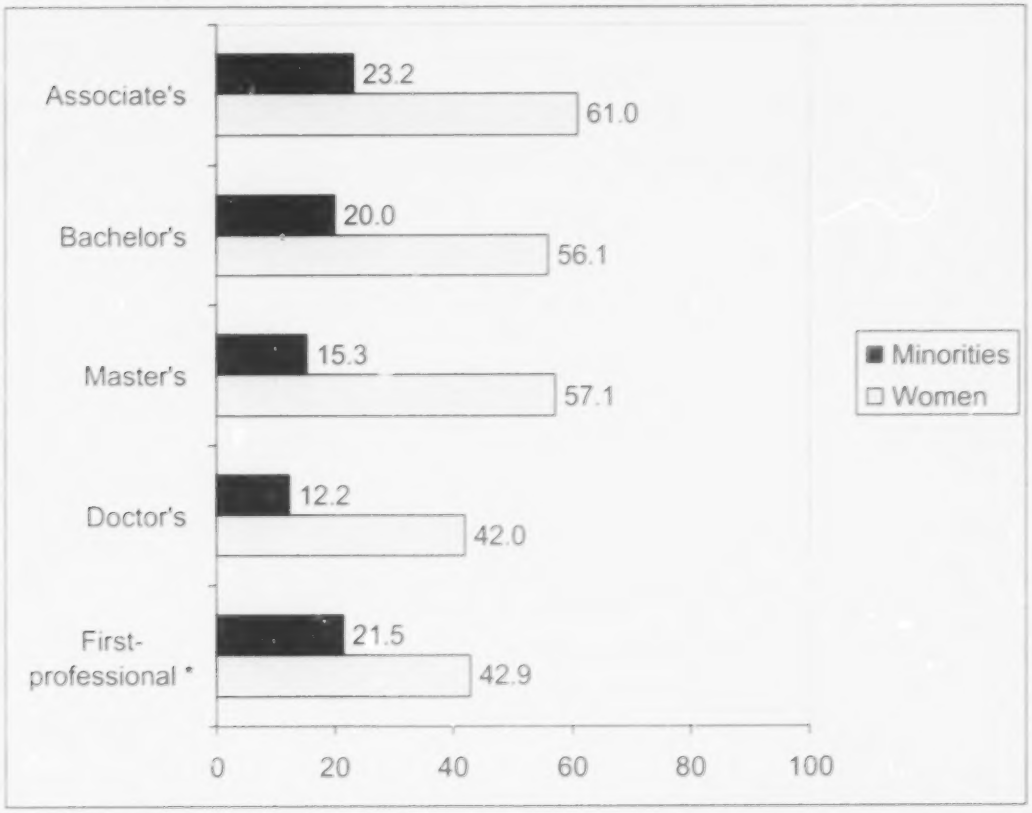
Approximately 85 percent of all associate's degrees were awarded by 2-year institutions, with the remainder awarded by 4-year institutions. Over one-third of all associate's degrees at 2-year institutions were awarded in liberal/general studies and humanities, a field which generally permits transfers to 4-year institutions. Another one-third were awarded in two occupational fields, business management/administrative services (16.0 percent) and the health professions/related sciences (16.1 percent). In 4-year schools, 19.4 percent of associate's degrees awarded were in liberal/general studies/humanities fields, while 18.7 percent and 18.5 percent of associate's degrees were in the health professions/related sciences and business management/administrative services fields respectively. The percentages of associate's degrees conferred by 2-year and 4-year schools were similar across all fields of study. (table C).

Nearly one-fifth (19.3 percent) of all bachelor's degrees were awarded in business management/administrative services. Another 10.6 percent were awarded in the social sciences and history, while 8.9 percent were awarded in education. Bachelor's degrees in mathematics and the physical sciences comprised only 2.6 percent of all bachelor's degrees awarded (tables D and E).

About one-half (50.3 percent) of the master's degrees awarded were in two areas: education (26.7 percent) and business management/administrative services (23.6 percent). Awards in health professions and engineering constituted the next highest number of master's degrees conferred (9.1 percent and 6.0 percent respectively) (tables D and E).

At the doctor's degree level, the highest percentage of degrees awarded in 1997-98 was in education (14.6 percent), followed by engineering (13.0 percent). The biological and physical science fields accounted for 10.8 and 9.9 percent, respectively, closely followed by the social sciences and psychology (9.0 and 8.7 percent, respectively). (tables D and E).

Figure A.—Percentage of degrees awarded to women and minorities, by level of degree: 50 states and District of Columbia, 1997-98



* First-professional degrees are awarded after completion of the academic requirements to begin practice in the following professions: Chiropractic (D.C. or D.C.M.); Dentistry (D.D.S. or D.M.D.); Law (L.L.B., J.D.); Medicine (M.D.); Optometry (O.D.); Osteopathic Medicine (D.O.); Pharmacy (Pharm.D.); Podiatry (D.P.M., D.P., or Pod.D.); Theology (M.Div., M.H.L., B.D, or Ordination); or Veterinary Medicine (D.V.M.).

Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98, and "Consolidated" survey, 1998.

Table A.--Number and percent distribution of degrees conferred by Title IV participating, degree-granting institutions, by level of degree, control of institution, gender, and race/ethnicity of recipient: 50 states and District of Columbia, 1997-98

	Total degrees		Associate's degrees		Bachelor's degrees	
	Number	Percent of total degrees	Number	Percent of total degrees	Number	Percent of total degrees
All institutions	2,297,733	100.0	558,555	24.3	1,184,406	51.5
Control of institution:						
Public	1,536,250	100.0	455,084	29.6	784,296	51.1
Private, not-for-profit	685,217	100.0	47,625	7.0	386,455	56.4
Private, for-profit	76,266	100.0	55,846	73.2	13,655	17.9
Gender of recipient:						
Men	993,519	100.0	217,613	21.9	519,956	52.3
Women	1,304,214	100.0	340,942	26.1	664,450	50.9
Race/ethnicity of recipient:						
White, non-Hispanic	1,658,509	100.0	403,868	24.4	877,228	52.9
Minority	454,952	100.0	129,433	28.4	237,100	52.1
Black, non-Hispanic	185,500	100.0	54,000	29.1	95,565	51.5
Hispanic	128,995	100.0	44,758	34.7	64,174	49.7
Asian or Pacific Islander	123,993	100.0	24,579	19.8	69,670	56.2
Amer. Indian/Alaskan Native	16,464	100.0	6,096	37.0	7,691	46.7
Race/ethnicity unknown	67,180	100.0	12,872	19.2	30,853	45.9
Nonresident Alien	117,092	100.0	12,362	10.6	39,225	33.5

	Master's degrees		Doctor's degrees		First-professional degrees *	
	Number	Percent of total degrees	Number	Percent of total degrees	Number	Percent of total degrees
All institutions	430,164	18.7	46,010	2.0	78,598	3.4
Control of institution:						
Public	235,922	15.4	29,715	1.9	31,233	2.0
Private, not-for-profit	188,175	27.5	15,944	2.3	47,018	6.9
Private, for-profit	6,067	8.0	351	0.5	347	0.5
Gender of recipient:						
Men	184,375	15.6	26,664	2.7	44,911	4.5
Women	245,789	18.8	19,346	1.5	33,687	2.6
Race/ethnicity of recipient:						
White, non-Hispanic	292,093	17.6	27,463	1.7	57,837	3.5
Minority	65,910	14.5	5,606	1.2	16,903	3.7
Black, non-Hispanic	28,599	15.4	1,984	1.1	5,352	2.9
Hispanic	15,393	11.9	1,214	0.9	3,456	2.7
Asian or Pacific Islander	19,967	16.1	2,228	1.8	7,549	6.1
Amer. Indian/Alaskan Native	1,951	11.9	180	1.1	546	3.3
Race/ethnicity unknown	19,782	29.4	1,601	2.4	2,072	3.1
Nonresident Alien	52,379	44.7	11,340	9.7	1,786	1.5

* First-professional degrees are awarded after completion of the academic requirements to begin practice in the following professions: Chiropractic (D.C. or D.C.M.); Dentistry (D.D.S. or D.M.D.); Law (L.L.B., J.D.); Medicine (M.D.); Optometry (O.D.); Osteopathic Medicine (D.O.); Pharmacy (Pharm.D.); Podiatry (D.P.M., D.P., or Pod.D.); Theology (M.Div., M.H.L., B.D., or Ordination); or Veterinary Medicine (D.V.M.).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey 1997-98 and "Consolidated" survey 1998.

Table B.--Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, control of institution, gender, and race/ethnicity of recipient: 50 states and District of Columbia, 1996-97 and 1997-98

	Associate's degrees					Bachelor's degrees				
	1996-97		1997-98			1996-97		1997-98		
	Number	Percent	Number	Percent	Percent change *	Number	Percent	Number	Percent	Percent change *
All institutions	571,226	100.0	558,555	100.0	-2.2	1,172,879	100.0	1,184,406	100.0	1.0
Control of institution:										
Public	465,494	81.5	455,084	81.5	-2.2	776,677	66.2	784,296	66.2	1.0
Private, not-for-profit	49,168	8.6	47,625	8.5	-3.1	384,086	32.7	386,455	32.6	0.6
Private, for-profit	56,564	9.9	55,846	10.0	-1.3	12,116	1.0	13,655	1.2	12.7
Gender of recipient:										
Men	223,948	39.2	217,613	39.0	-2.8	520,515	44.4	519,956	43.9	-0.1
Women	347,278	60.8	340,942	61.0	-1.8	652,364	55.6	664,450	56.1	1.9
Race/ethnicity of recipient:										
White, non-Hispanic	419,994	73.5	403,888	72.3	-3.8	878,460	74.9	877,228	74.1	-0.1
Minority:	128,060	22.4	129,433	23.2	1.1	227,216	19.4	237,100	20.0	4.4
Black, non-Hispanic	55,054	9.6	54,000	9.7	-1.9	91,986	7.8	95,565	8.1	3.9
Hispanic	42,568	7.5	44,758	8.0	5.1	60,902	5.2	64,174	5.4	5.4
Asian or Pacific Islander	24,586	4.3	24,579	4.4	-0.0	67,086	5.7	69,670	5.9	3.9
Amer. Indian/Alaskan Native	5,852	1.0	6,096	1.1	4.2	7,242	0.6	7,691	0.6	6.2
Race/ethnicity unknown	12,408	2.2	12,872	2.3	3.7	28,275	2.4	30,853	2.6	9.1
Nonresident Alien	10,764	1.9	12,362	2.2	14.8	38,928	3.3	39,225	3.3	0.8

	Master's degrees					Doctor's degrees				
	1996-97		1997-98			1996-97		1997-98		
	Number	Percent	Number	Percent	Percent change *	Number	Percent	Number	Percent	Percent change *
All institutions	419,401	100.0	430,164	100.0	2.6	45,876	100.0	46,010	100.0	0.3
Control of institution:										
Public	233,237	55.6	235,922	54.8	1.2	29,838	65.0	29,715	64.6	-0.4
Private, not-for-profit	181,104	43.2	188,175	43.7	3.9	15,694	34.2	15,944	34.7	1.6
Private, for-profit	5,060	1.2	6,067	1.4	19.9	344	0.7	351	0.8	2.0
Gender of recipient:										
Men	180,947	43.1	184,375	42.9	1.9	27,146	59.2	26,664	58.0	-1.8
Women	238,454	56.9	245,789	57.1	3.1	18,730	40.8	19,346	42.0	3.3
Race/ethnicity of recipient:										
White, non-Hispanic	288,552	68.8	292,093	67.9	1.2	27,183	59.3	27,463	59.7	1.0
Minority:	61,217	14.6	65,910	15.3	7.7	5,551	12.1	5,606	12.2	1.0
Black, non-Hispanic	26,901	6.4	28,599	6.6	6.3	1,786	3.9	1,984	4.3	11.1
Hispanic	14,574	3.5	15,393	3.6	5.6	1,068	2.3	1,214	2.6	13.7
Asian or Pacific Islander	17,898	4.3	19,967	4.6	11.6	2,528	5.5	2,228	4.8	-11.9
Amer. Indian/Alaskan Native	1,844	0.4	1,951	0.5	5.8	169	0.4	180	0.4	6.5
Race/ethnicity unknown	20,080	4.8	19,782	4.6	-1.5	1,689	3.7	1,601	3.5	-5.2
Nonresident Alien	49,552	11.8	52,379	12.2	5.7	11,453	25.0	11,340	24.6	-1.0

Table B --Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, control of institution, gender, and race/ethnicity of recipient: 50 states and District of Columbia, 1995-96 and 1996-97 -- continued

	First-professional degrees **					Total degrees				
	1996-97		1997-98		Percent change *	1996-97		1997-98		Percent change *
	Number	Percent	Number	Percent		Number	Percent	Number	Percent	
All institutions	78,730	100.0	78,598	100.0	-0.2	2,288,112	100.0	2,297,733	100.0	0.4
Control of institution:										
Public	31,243	39.7	31,233	39.7	-0.0	1,536,489	67.2	1,536,250	66.9	-0.0
Private, not-for-profit	47,029	59.7	47,018	59.8	-0.0	677,081	29.6	685,217	29.8	1.2
Private, for-profit	458	0.6	347	0.4	-24.2	74,542	3.3	76,266	3.3	2.3
Gender of recipient:										
Men	45,564	57.9	44,911	57.1	-1.4	998,120	43.6	993,519	43.2	-0.5
Women	33,166	42.1	33,687	42.9	1.6	1,289,992	56.4	1,304,214	56.8	1.1
Race/ethnicity of recipient:										
White, non-Hispanic	58,972	74.9	57,837	73.6	-1.9	1,673,161	73.1	1,658,509	72.2	-0.9
Minority	16,442	20.9	16,903	21.5	2.8	438,486	19.2	454,952	19.8	3.8
Black, non-Hispanic	5,184	6.6	5,352	6.8	3.2	180,911	7.9	185,500	8.1	2.5
Hispanic	3,529	4.5	3,456	4.4	-2.1	122,641	5.4	128,995	5.6	5.2
Asian or Pacific Islander	7,226	9.2	7,549	9.6	4.5	119,324	5.2	123,993	5.4	3.9
Amer. Indian/Alaskan Native	503	0.6	546	0.7	8.5	15,610	0.7	16,464	0.7	5.5
Race/ethnicity unknown	1,670	2.1	2,072	2.6	24.1	64,122	2.8	67,180	2.9	4.8
Nonresident Alien	1,646	2.1	1,786	2.3	8.5	112,343	4.9	117,092	5.1	4.2

* Percent change in numbers from 1996-97 to 1997-98.

** First-professional degrees are awarded after completion of the academic requirements to begin practice in the following professions: Chiropractic (D.C. or D.C.M.); Dentistry (D.D.S. or D.M.D.); Law (L.L.B., J.D.); Medicine (M.D.); Optometry (O.D.); Osteopathic Medicine (D.O.); Pharmacy (Pharm.D.); Podiatry (D.P.M., D.P., or Pod.D.); Theology (M.Div., M.H.L., B.D., or Ordination); or Veterinary Medicine (D.V.M.).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1996-97 and 1997-98, and "Consolidated" survey, 1997 and 1998.

Table C.--Number and percentage of associate's degrees conferred by Title IV participating, degree-granting institutions, by level of institution and field of study: 50 states and District of Columbia, 1997-98

Field of study *	Total	Two-year		Four-year	
		Total	Percent	Total	Percent
Total, all fields	558,555	474,312 (84.9%) **	100.0	84,243 (15.1%) **	100.0
Agricultural business & production	4,247	3,560	0.8	687	0.8
Agricultural sciences	959	713	0.2	246	0.3
Architecture and related programs	265	163	0.0	102	0.1
Area, ethnic and cultural studies	104	76	0.0	28	0.0
Biological sciences/life sciences	2,113	2,065	0.4	48	0.1
Business management & admin. services	91,399	75,784	16.0	15,615	18.5
Communications	2,368	1,974	0.4	394	0.5
Communications technologies	1,602	1,432	0.3	170	0.2
Computer & information sciences	13,870	11,233	2.4	2,637	3.1
Conservation & renew. natural resources	1,467	1,110	0.2	357	0.4
Construction trades	2,172	1,906	0.4	266	0.3
Education	9,278	8,273	1.7	1,005	1.2
Engineering	2,149	1,717	0.4	432	0.5
Engineering-related technologies	32,748	23,280	4.9	9,468	11.2
English language & literature/letters	1,609	1,561	0.3	48	0.1
Foreign languages & literatures	543	538	0.1	5	0.0
Health professions & related sciences	92,031	76,290	16.1	15,741	18.7
Home economics	1,036	766	0.2	270	0.3
Law & legal studies	7,797	6,528	1.4	1,269	1.5
Liberal/general studies & humanities	186,248	169,936	35.8	16,312	19.4
Library science	96	85	0.0	11	0.0
Marketing opers./market. & distribution	5,516	4,365	0.9	1,151	1.4
Mathematics	844	815	0.2	29	0.0
Mechanics & repairers	10,616	9,428	2.0	1,188	1.4
Military technologies	22	22	0.0	0	0.0
Multi/interdisciplinary studies	9,401	9,029	1.9	372	0.4
Parks, recreation, leisure & fitness	895	814	0.2	81	0.1
Personal & miscellaneous services	7,744	4,126	0.9	3,618	4.3
Philosophy & religion	94	47	0.0	47	0.1
Physical sciences	1,584	1,533	0.3	51	0.1
Precision production trades	11,085	8,230	1.7	2,855	3.4
Protective services	19,002	15,954	3.4	3,048	3.6
Psychology	1,765	1,669	0.4	96	0.1
Public administration & services	4,156	3,482	0.7	674	0.8
Science technologies	702	574	0.1	128	0.2
Social sciences & history	4,196	3,910	0.8	286	0.3
Theological studies/religious vocations	570	32	0.0	538	0.6
Transportation & material moving workers	1,009	710	0.1	299	0.4
Visual & performing arts	14,980	10,972	2.3	4,008	4.8
Vocational home economics	7,256	6,719	1.4	537	0.6
Undesignated fields ***	3,017	2,891	0.6	126	0.1

* Degrees by field of study are aggregated to the 2-digit CIP level as defined in the 1990 version of the Classification of Instructional Programs.

** Percents of total associate's degrees.

*** Includes degrees reported for fields with no CIP code, schools reporting only total degrees by award level and gender, and nonrespondents for which field of study could not be imputed.

NOTE.--Data represent programs, not organizational units within institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table D.--Number and percentage of degrees conferred by Title IV participating, degree-granting institutions, by level of degree and field of study: 50 states and District of Columbia, 1997-98

Field of study *	Bachelor's degrees		Master's degrees		Doctor's degrees	
	Total	Percent	Total	Percent	Total	Percent
Total, all fields	1,184,406	100.0	430,164	100.0	46,010	100.0
Agricultural business & production	5,192	0.4	627	0.1	224	0.5
Agricultural sciences	8,219	0.7	1,475	0.3	700	1.5
Architecture and related programs	7,652	0.6	4,347	1.0	131	0.3
Area, ethnic and cultural studies	6,153	0.5	1,617	0.4	181	0.4
Biological sciences/life sciences	65,868	5.6	6,261	1.5	4,961	10.8
Business management & admin. services	228,476	19.3	101,609	23.6	1,288	2.8
Communications	49,385	4.2	5,611	1.3	354	0.8
Communications technologies	729	0.1	564	0.1	5	0.0
Computer & information sciences	26,852	2.3	11,246	2.6	858	1.9
Conservation & renew. natural resources	9,873	0.8	2,373	0.6	378	0.8
Construction trades	182	0.0	16	0.0	0	0.0
Education	105,968	8.9	114,691	26.7	6,729	14.6
Engineering	59,910	5.1	25,936	6.0	5,980	13.0
Engineering-related technologies	13,727	1.2	1,136	0.3	14	0.0
English language & literature/letters	49,708	4.2	7,795	1.8	1,639	3.6
Foreign languages & literatures	14,451	1.2	2,927	0.7	959	2.1
Health professions & related sciences	84,379	7.1	39,260	9.1	2,484	5.4
Home economics	16,866	1.4	2,888	0.7	424	0.9
Law & legal studies	2,017	0.2	3,228	0.8	66	0.1
Liberal/general studies & humanities	33,202	2.8	2,801	0.7	87	0.2
Library science	73	0.0	4,871	1.1	48	0.1
Marketing opers./market. & distribution	4,381	0.4	562	0.1	2	0.0
Mathematics	12,328	1.0	3,643	0.8	1,259	2.7
Mechanics & repairers	91	0.0	0	0.0	0	0.0
Military technologies	3	0.0	0	0.0	0	0.0
Multi/interdisciplinary studies	26,163	2.2	2,677	0.6	508	1.1
Parks, recreation, leisure & fitness	16,781	1.4	2,024	0.5	129	0.3
Personal & miscellaneous services	262	0.0	0	0.0	0	0.0
Philosophy & religion	8,207	0.7	1,307	0.3	585	1.3
Physical sciences	19,276	1.6	5,332	1.2	4,569	9.9
Precision production trades	407	0.0	15	0.0	0	0.0
Protective services	25,076	2.1	2,000	0.5	39	0.1
Psychology	73,972	6.2	13,747	3.2	4,073	8.9
Public administration & services	20,408	1.7	25,144	5.8	499	1.1
Science technologies	140	0.0	29	0.0	2	0.0
Social sciences & history	125,040	10.6	14,938	3.5	4,127	9.0
Theological studies/religious vocations	5,903	0.5	4,692	1.1	1,460	3.2
Transportation & material moving workers	3,206	0.3	736	0.2	0	0.0
Visual & performing arts	52,077	4.4	11,145	2.6	1,163	2.5
Vocational home economics	430	0.0	26	0.0	0	0.0
Undesignated fields **	1,373	0.1	868	0.2	85	0.2

* Degrees by field of study are aggregated to the 2-digit CIP level as defined in the 1990 version of the Classification of Instructional Programs.

** Includes degrees reported for fields with no CIP code, schools reporting only total degrees by award level and gender, and nonrespondents for which field of study could not be imputed.

NOTE.--Data represent programs, not organizational units within institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table E .--Fields of study with the largest number of bachelor's, master's, and doctor's degrees conferred by Title IV participating, degree-granting institutions, by level of degree and gender of recipient: 50 states and District of Columbia, 1997-98

Bachelor's degrees:

Field of study *	Total degrees	Men		Women	
		Total	Percent	Total	Percent
Business management & admin. services	228,476	118,090	51.7	110,386	48.3
Social sciences & history	125,040	63,537	50.8	61,503	49.2
Education	105,968	26,302	24.8	79,666	75.2
Health professions & related sciences	84,379	15,082	17.9	69,297	82.1
Psychology	73,972	18,959	25.6	55,013	74.4
Biological sciences/life sciences	65,868	29,589	44.9	36,279	55.1
Engineering	59,910	48,852	81.5	11,058	18.5
Visual & performing arts	52,077	21,483	41.3	30,594	58.7
English language & literature/letters	49,708	16,477	33.1	33,231	66.9
Communications	49,385	19,631	39.8	29,754	60.2

Master's degrees:

Field of study *	Total degrees	Men		Women	
		Total	Percent	Total	Percent
Education	114,691	27,070	23.6	87,621	76.4
Business management & admin. services	101,609	62,403	61.4	39,206	38.6
Health professions & related sciences	39,260	8,751	22.3	30,509	77.7
Engineering	25,936	20,813	80.2	5,123	19.8
Public administration & services	25,144	7,025	27.9	18,119	72.1
Social sciences & history	14,938	7,960	53.3	6,978	46.7
Psychology	13,747	3,699	26.9	10,048	73.1
Computer & information sciences	11,246	7,987	71.0	3,259	29.0
Visual & performing arts	11,145	4,596	41.2	6,549	58.8
English language & literature/letters	7,795	2,643	33.9	5,152	66.1

Doctor's degrees:

Field of study *	Total degrees	Men		Women	
		Total	Percent	Total	Percent
Education	6,729	2,479	36.8	4,250	63.2
Engineering	5,980	5,247	87.7	733	12.3
Biological sciences/life sciences	4,961	2,852	57.5	2,109	42.5
Physical sciences	4,569	3,415	74.7	1,154	25.3
Social sciences & history	4,127	2,445	59.2	1,682	40.8
Psychology	4,073	1,325	32.5	2,748	67.5
Health professions & related sciences	2,484	931	37.5	1,553	62.5
English language & literature/letters	1,639	670	40.9	969	59.1
Theological studies/religious vocations	1,460	1,224	83.8	236	16.2
Business management & admin. services	1,288	884	68.6	404	31.4

* Degrees by field of study are aggregated to the 2-digit CIP level as defined in the 1990 version of the Classification of Instructional Programs.

NOTE.--Data represent programs, not organizational units within institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Compendium of Tables

Table 1a.--Degrees conferred by Title IV participating, degree-granting institutions, by control of institution, level of degree, and gender: 50 states and District of Columbia, 1997-98

Level of degree and gender	Total	Public	Private, not-for-profit	Private, for-profit
Total, all degrees	2,297,733	1,536,250	685,217	76,266
Men	993,519	651,305	302,415	39,799
Women	1,304,214	884,945	382,802	36,467
Associate's degrees	558,555	455,084	47,625	55,846
Men	217,613	170,701	18,541	28,371
Women	340,942	284,383	29,084	27,475
Bachelor's degrees	1,184,406	784,296	386,455	13,655
Men	519,956	348,462	163,675	7,819
Women	664,450	435,834	222,780	5,836
Master's degrees	430,164	235,922	188,175	6,067
Men	184,375	97,807	83,278	3,290
Women	245,789	138,115	104,897	2,777
Doctor's degrees	46,010	29,715	15,944	351
Men	26,664	17,401	9,144	119
Women	19,346	12,314	6,800	232
First-professional degrees *	78,598	31,233	47,018	347
Men	44,911	16,934	27,777	200
Women	33,687	14,299	19,241	147

* First-professional degrees are awarded after completion of the academic requirements to begin practice in the following professions: Chiropractic (D.C. or D.C.M.); Dentistry (D.D.S. or D.M.D.); Law (L.L.B., J.D.); Medicine (M.D.); Optometry (O.D.); Osteopathic Medicine (D.O.); Pharmacy (Pharm.D.); Podiatry (D.P.M., D.P., or Pod.D.); Theology (M.Div., M.H.L., B.D., or Ordination); or Veterinary Medicine (D.V.M.).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

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Table 1b.--First-professional degrees conferred by Title IV participating, degree-granting institutions, by control of institution, field of study, and gender: 50 states and District of Columbia, 1997-98

Field of study and gender	Total	Public	Private, not-for-profit	Private, for-profit
Total, all fields	78,598	31,233	47,018	347
Men	44,911	16,934	27,777	200
Women	33,687	14,299	19,241	147
Chiropractic (D.C., D.C.M.)	3,735	0	3,735	0
Men	2,712	0	2,712	0
Women	1,023	0	1,023	0
Dentistry (D.D.S., D.M.D.)	4,032	2,468	1,564	0
Men	2,490	1,598	892	0
Women	1,542	870	672	0
Medicine (M.D.)	15,424	9,474	5,950	0
Men	9,006	5,586	3,420	0
Women	6,418	3,888	2,530	0
Optometry (O.D.)	1,274	537	737	0
Men	594	236	358	0
Women	680	301	379	0
Osteopathic Medicine (D.O.)	2,110	568	1,542	0
Men	1,337	334	1,003	0
Women	773	234	539	0
Pharmacy (Pharm.D.)	3,660	2,212	1,448	0
Men	1,197	744	453	0
Women	2,463	1,468	995	0
Podiatry (D.P.M., D.P., Pod.D.)	594	103	491	0
Men	418	59	359	0
Women	176	44	132	0
Veterinary Medicine (D.V.M.)	2,193	1,971	222	0
Men	754	685	69	0
Women	1,439	1,286	153	0
Law (LL.B., J.D.)	39,331	13,900	25,084	347
Men	21,876	7,692	13,984	200
Women	17,455	6,208	11,100	147
Divinity/Ministry (B.D., M.Div.)	5,437	0	5,437	0
Men	3,949	0	3,949	0
Women	1,488	0	1,488	0
Rabbinical & Talmudic Stu. (M.H.L./Rav)	409	0	409	0
Men	377	0	377	0
Women	32	0	32	0
Ordination, Other	27	0	27	0
Men	17	0	17	0
Women	10	0	10	0
Other / undefined field *	372	0	372	0
Men	184	0	184	0
Women	188	0	188	0

* Includes degrees reported for fields with no CIP code, schools reporting only total degrees by award level and gender, and nonrespondents for which field of study could not be imputed.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table 2a.--Degrees conferred by Title IV participating, degree-granting institutions, by race/ethnicity, level of degree, and gender: 50 states and District of Columbia, 1997-98

Level of degree and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
Total, all degrees	2,297,733	1,658,509	185,500	128,995	123,993	16,464	67,180	117,092
Men	993,519	712,621	63,847	54,143	58,037	6,356	30,469	68,046
Women	1,304,214	945,888	121,653	74,852	65,956	10,108	36,711	49,046
Associate's degrees	558,555	403,888	54,000	44,758	24,579	6,096	12,872	12,362
Men	217,613	157,099	18,192	18,592	10,664	2,190	5,474	5,402
Women	340,942	246,789	35,808	26,166	13,915	3,906	7,398	6,960
Bachelor's degrees	1,184,406	877,228	95,565	64,174	69,670	7,691	30,853	39,225
Men	519,956	388,259	33,516	26,875	32,483	3,063	14,140	21,620
Women	664,450	488,969	62,049	37,299	37,187	4,628	16,713	17,605
Master's degrees	430,164	292,093	28,599	15,393	19,967	1,951	19,782	52,379
Men	184,375	118,404	9,103	6,138	9,657	740	8,771	31,562
Women	245,789	173,689	19,496	9,255	10,310	1,211	11,011	20,817
Doctor's degrees	46,010	27,463	1,984	1,214	2,228	180	1,601	11,340
Men	26,664	14,670	791	620	1,328	80	861	8,314
Women	19,346	12,793	1,193	594	900	100	740	3,026
First-professional degrees *	78,598	57,837	5,352	3,456	7,549	546	2,072	1,786
Men	44,911	34,189	2,245	1,918	3,905	283	1,223	1,148
Women	33,687	23,648	3,107	1,538	3,644	263	849	638

* First-professional degrees are awarded after completion of the academic requirements to begin practice in the following professions: Chiropractic (D.C. or D.C.M.); Dentistry (D.D.S. or D.M.D.); Law (L.L.B., J.D.); Medicine (M.D.); Optometry (O.D.); Osteopathic Medicine (D.O.); Pharmacy (Pharm.D.); Podiatry (D.P.M., D.P., or Pod.D.); Theology (M.Div., M.H.L., B.D., or Ordination); or Veterinary Medicine (D.V.M.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998

Table 2b.--Certificates and other awards conferred by Title IV participating, degree-granting institutions, by race/ethnicity, level of award, and gender: 50 states and District of Columbia, 1997-98

Level of award and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
Less than 1 year	112,340	73,660	17,023	11,560	4,092	1,717	3,044	1,244
Men	51,430	35,102	6,853	4,782	1,986	738	1,405	564
Women	60,910	38,558	10,170	6,778	2,106	979	1,639	680
At least 1 but less than 2 years	121,987	81,075	17,021	11,032	5,684	1,703	3,649	1,823
Men	47,971	31,913	5,529	4,614	2,827	622	1,668	798
Women	74,016	49,162	11,492	6,418	2,857	1,081	1,981	1,025
At least 2 but less than 4 years	15,028	9,714	1,710	1,153	1,230	102	528	591
Men	9,090	6,211	862	645	689	71	276	336
Women	5,938	3,503	848	508	541	31	252	255
Postbaccalaureate certificates	7,109	5,074	293	245	337	42	697	421
Men	2,341	1,535	105	85	115	14	290	197
Women	4,768	3,539	188	160	222	28	407	224
Post-master's certificates	8,786	6,104	843	269	260	20	473	817
Men	2,929	1,864	185	83	107	8	170	512
Women	5,857	4,240	658	186	153	12	303	305
First-professional certificates	548	265	16	10	62	2	3	190
Men	328	168	7	6	37	2	3	105
Women	220	97	9	4	25	0	0	85

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table 3.--Associate's degrees conferred by Title IV participating, degree-granting institutions, by level and control of institution and field of study: 50 states and District of Columbia, 1997-98

Field of study	Two-year				Four-year			
	Total	Public	Private, not-for-profit	Private, for-profit	Total	Public	Private, not-for-profit	Private, for-profit
Total, all fields	474,312	416,697	17,913	39,702	84,243	38,387	29,712	16,144
Agricultural business & production	3,560	3,465	95	0	687	624	63	0
Agricultural sciences	713	662	51	0	246	206	40	0
Architecture and related programs	163	159	4	0	102	11	31	60
Area, ethnic and cultural studies	76	75	1	0	28	11	17	0
Biological sciences/life sciences	2,065	2,028	33	4	48	5	43	0
Business management & admin. services	75,784	60,850	4,185	10,749	15,615	4,844	7,526	3,245
Communications	1,974	1,265	206	503	394	234	144	16
Communications technologies	1,432	1,264	4	164	170	35	93	42
Computer & information sciences	11,233	7,510	759	2,964	2,637	723	791	1,123
Conservation & renew. natural resources	1,110	1,087	23	0	357	265	92	0
Construction trades	1,906	1,554	73	279	266	247	19	0
Education	8,273	7,786	487	0	1,005	216	754	35
Engineering	1,717	1,608	74	35	432	84	68	280
Engineering-related technologies	23,280	15,090	1,861	6,329	9,468	3,486	1,032	4,950
English language & literature/letters	1,561	1,507	54	0	48	20	28	0
Foreign languages & literatures	538	492	46	0	5	3	2	0
Health professions & related sciences	76,290	67,990	2,986	5,314	15,741	8,813	6,207	721
Home economics	766	629	120	17	270	248	21	1
Law & legal studies	6,528	4,628	264	1,636	1,269	361	526	382
Liberal/general studies & humanities	169,936	166,159	3,772	5	16,312	10,468	5,737	107
Library science	85	85	0	0	11	6	5	0
Marketing opers./market. & distribution	4,365	3,353	105	907	1,151	648	321	182
Mathematics	815	808	7	0	29	9	20	0
Mechanics & repairers	9,428	7,335	292	1,801	1,188	779	316	93
Military technologies	22	22	0	0	0	0	0	0
Multi/interdisciplinary studies	9,029	8,964	35	30	372	320	52	0
Parks, recreation, leisure & fitness	814	733	72	9	81	24	56	1
Personal & miscellaneous services	4,126	2,048	771	1,307	3,618	141	2,870	607
Philosophy & religion	47	47	0	0	47	0	47	0
Physical sciences	1,533	1,517	16	0	51	44	7	0
Precision production trades	8,230	5,914	213	2,103	2,855	1,014	133	1,708
Protective services	15,954	15,477	275	202	3,048	2,486	449	113
Psychology	1,669	1,581	88	0	96	28	58	10
Public administration & services	3,482	3,380	102	0	674	426	215	33
Science technologies	574	552	22	0	128	82	32	14
Social sciences & history	3,910	3,768	142	0	286	91	195	0
Theological studies/religious vocations	32	1	31	0	538	0	538	0
Transportation & material moving workers	710	553	1	156	299	106	193	0
Visual & performing arts	10,972	5,965	363	4,644	4,008	807	780	2,421
Vocational home economics	6,719	6,535	56	128	537	472	65	0
Undesignated fields *	2,891	2,251	224	416	126	0	126	0

* Includes degrees reported for fields with no CIP code, schools reporting only total degrees by award level and gender, and nonrespondents for which field of study could not be imputed.

NOTE.--Data represent programs, not organizational units within institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table 4.--Associate's degrees conferred by Title IV participating, degree-granting institutions, by race/ethnicity, field of study, and gender: 50 states and District of Columbia, 1997-98

Field of study and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
All fields	558,555	403,888	54,000	44,758	24,579	6,096	12,872	12,362
Men	217,613	157,099	18,192	18,592	10,664	2,190	5,474	5,402
Women	340,942	246,789	35,808	26,166	13,915	3,906	7,398	6,960
Agricultural business & production	4,247	3,936	39	61	18	27	100	66
Men	2,836	2,635	34	38	11	17	66	35
Women	1,411	1,301	5	23	7	10	34	31
Agricultural sciences	959	889	5	28	4	20	12	1
Men	488	452	3	17	1	11	4	0
Women	471	437	2	11	3	9	8	1
Architecture & related programs	265	212	5	24	10	0	2	12
Men	90	68	3	11	4	0	1	3
Women	175	144	2	13	6	0	1	9
Area, ethnic & cultural studies	104	25	9	11	4	42	3	10
Men	25	2	3	3	0	13	0	4
Women	79	23	6	8	4	29	3	6
Biological sciences/life sciences	2,113	1,306	155	224	248	37	61	82
Men	782	482	60	74	94	17	23	32
Women	1,331	824	95	150	154	20	38	50
Business management & admin. services	91,399	62,704	11,289	7,392	4,325	946	2,279	2,464
Men	24,637	16,813	2,665	2,070	1,309	181	697	902
Women	66,762	45,891	8,624	5,322	3,016	765	1,582	1,562
Communications	2,368	1,665	200	171	95	23	150	64
Men	1,144	835	90	84	33	11	66	25
Women	1,224	830	110	87	62	12	84	39
Communications technologies	1,602	1,132	193	133	53	8	28	55
Men	1,008	727	111	84	37	5	19	25
Women	594	405	82	49	16	3	9	30
Computer & information sciences	13,870	9,027	1,863	1,120	914	178	420	348
Men	7,627	5,105	817	640	546	69	255	195
Women	6,243	3,922	1,046	480	368	109	165	153
Conservation & renew. natural resources	1,467	1,324	7	14	5	53	13	51
Men	1,135	1,052	7	9	5	26	11	25
Women	332	272	0	5	0	27	2	26
Construction trades	2,172	1,786	115	78	106	44	37	6
Men	2,055	1,696	109	72	102	35	35	6
Women	117	90	6	6	4	9	2	0
Education	9,278	6,385	1,032	1,135	184	242	188	112
Men	2,174	1,436	219	284	63	71	63	38
Women	7,104	4,949	813	851	121	171	125	74
Engineering	2,149	1,482	119	184	163	22	46	133
Men	1,823	1,265	93	156	139	17	40	113
Women	326	217	26	28	24	5	6	20
Engineering-related technologies	32,748	23,644	3,215	2,715	1,551	304	568	751
Men	28,533	20,673	2,651	2,416	1,391	239	503	660
Women	4,215	2,971	564	299	160	65	65	91

Table 4.--Associate's degrees conferred by Title IV participating, degree-granting institutions, by race/ethnicity, field of study, and gender: 50 states and District of Columbia, 1997-98 -- continued

Field of study and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
English language & literature/letters	1,609	894	103	181	110	18	57	246
Men	543	292	35	63	40	4	20	89
Women	1,066	602	68	118	70	14	37	157
Foreign languages & literatures	543	312	10	113	31	6	31	40
Men	217	131	5	34	11	3	19	14
Women	326	181	5	79	20	3	12	26
Health professions & related sciences	92,031	72,868	8,172	4,533	3,089	890	1,778	701
Men	14,260	10,647	1,194	977	798	134	349	161
Women	77,771	62,221	6,978	3,556	2,291	756	1,429	540
Home economics	1,036	713	142	77	41	13	37	13
Men	73	46	10	8	3	4	1	1
Women	963	667	132	69	38	9	36	12
Law & legal studies	7,797	5,752	977	568	120	68	268	44
Men	943	636	144	81	25	7	44	6
Women	6,854	5,116	833	487	95	61	224	38
Liberal/general studies & humanities	186,248	133,595	16,995	16,442	8,981	1,982	3,521	4,732
Men	70,612	50,746	5,871	6,104	3,730	726	1,450	1,985
Women	115,636	82,849	11,124	10,338	5,251	1,256	2,071	2,747
Library science	96	74	7	2	5	2	5	1
Men	14	12	1	0	0	0	1	0
Women	82	62	6	2	5	2	4	1
Marketing opers./market. & distribution	5,516	3,926	416	363	274	29	226	282
Men	1,368	1,066	80	53	56	9	31	73
Women	4,148	2,860	336	310	218	20	195	209
Mathematics	844	502	33	120	100	13	27	49
Men	491	287	14	68	62	9	18	33
Women	353	215	19	52	38	4	9	16
Mechanics & repairers	10,616	7,763	679	850	693	132	311	188
Men	9,901	7,301	623	804	615	119	272	167
Women	715	462	56	46	78	13	39	21
Military technologies	22	12	9	1	0	0	0	0
Men	21	12	8	1	0	0	0	0
Women	1	0	1	0	0	0	0	0
Multi/interdisciplinary studies	9,401	7,282	879	568	385	65	103	119
Men	4,541	3,424	463	312	183	36	68	55
Women	4,860	3,858	416	256	202	29	35	64
Parks, recreation, leisure & fitness	895	686	95	46	12	4	23	29
Men	512	375	63	30	8	3	15	18
Women	383	311	32	16	4	1	8	11
Personal & miscellaneous services	7,744	5,894	745	406	229	40	329	101
Men	4,642	3,689	368	242	113	24	161	45
Women	3,102	2,205	377	164	116	16	168	56
Philosophy & religion	94	74	3	5	4	1	5	2
Men	43	33	1	2	2	0	3	2
Women	51	41	2	3	2	1	2	0

Table 4.--Associate's degrees conferred by Title IV participating, degree-granting institutions, by race/ethnicity, field of study, and gender: 50 states and District of Columbia, 1997-98 -- continued

Field of study and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
Physical sciences	1,584	1,023	111	110	173	30	62	75
Men	753	499	41	54	83	10	35	31
Women	831	524	70	56	90	20	27	44
Precision production trades	11,085	8,701	556	854	465	123	172	214
Men	8,551	6,761	413	696	313	91	102	175
Women	2,534	1,940	143	158	152	32	70	39
Protective services	19,002	13,450	1,820	2,565	349	228	529	61
Men	12,820	9,348	862	1,812	249	130	378	41
Women	6,182	4,102	958	753	100	98	151	20
Psychology	1,765	1,073	112	179	53	37	253	58
Men	604	243	38	47	23	12	225	16
Women	1,161	830	74	132	30	25	28	42
Public administration & services	4,156	2,298	1,047	466	107	106	93	39
Men	692	353	163	93	23	26	21	13
Women	3,464	1,945	884	373	84	80	72	26
Science technologies	702	506	76	45	35	13	13	14
Men	346	266	31	25	11	3	5	5
Women	356	240	45	20	24	10	8	9
Social sciences & history	4,196	2,498	456	568	258	107	159	150
Men	1,564	928	167	202	94	29	80	64
Women	2,632	1,570	289	366	164	78	79	86
Theological studies/religious vocations	570	402	89	20	12	14	8	25
Men	323	221	49	14	7	12	4	16
Women	247	181	40	6	5	2	4	9
Transportation & material moving workers	1,009	773	44	87	33	11	19	42
Men	852	665	32	80	25	8	11	31
Women	157	108	12	7	8	3	8	11
Visual & performing arts	14,980	10,278	930	1,314	815	140	727	776
Men	6,773	4,637	479	694	299	68	341	255
Women	8,207	5,641	451	620	516	72	386	521
Vocational home economics	7,256	4,843	952	745	381	51	140	144
Men	624	393	71	40	93	1	9	17
Women	6,632	4,450	881	705	288	50	131	127
Undesignated fields *	3,017	2,179	296	240	144	27	69	62
Men	1,173	847	101	98	63	10	28	25
Women	1,844	1,332	195	142	81	17	41	36

* Includes degrees reported for fields with no CIP code, schools reporting only total degrees by award level and gender, and nonrespondents for which field of study could not be imputed.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table 4a --Associate's degrees conferred by 2-year Title IV participating, degree-granting institutions, by race/ethnicity, field of study, and gender: 50 states and District of Columbia, 1997-98

Field of study and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
All fields	474,312	343,701	44,892	38,183	21,999	5,224	9,902	10,411
Men	180,360	130,608	14,798	15,039	9,420	1,858	4,329	4,308
Women	293,952	213,093	30,094	23,144	12,579	3,366	5,573	6,103
Agricultural business & production	3,560	3,315	34	58	15	23	51	64
Men	2,364	2,210	31	36	11	13	28	35
Women	1,196	1,105	3	22	4	10	23	29
Agricultural sciences	713	654	2	25	3	18	10	1
Men	385	354	2	17	0	9	3	0
Women	328	300	0	8	3	9	7	1
Architecture & related programs	163	133	2	15	1	0	2	10
Men	30	19	2	5	1	0	1	2
Women	133	114	0	10	0	0	1	8
Area, ethnic & cultural studies	76	16	9	11	4	30	3	3
Men	16	2	3	3	0	7	0	1
Women	60	14	6	8	4	23	3	2
Biological sciences/life sciences	2,065	1,263	154	222	248	36	61	81
Men	764	464	60	74	94	17	23	32
Women	1,301	799	94	148	154	19	38	49
Business management & admin. services	75,784	52,619	8,859	5,969	3,982	779	1,557	2,019
Men	19,929	13,756	2,041	1,639	1,181	147	458	707
Women	55,855	38,863	6,818	4,330	2,801	632	1,099	1,312
Communications	1,974	1,420	161	158	74	21	95	45
Men	1,030	765	74	79	30	11	52	19
Women	944	655	87	79	44	10	43	26
Communications technologies	1,432	984	182	130	52	8	28	48
Men	904	637	103	83	37	5	19	20
Women	528	347	79	47	15	3	9	28
Computer & information sciences	11,233	7,401	1,476	911	726	141	265	313
Men	6,030	4,110	636	501	414	55	141	173
Women	5,203	3,291	840	410	312	86	124	140
Conservation & renew. natural resources	1,110	980	7	13	5	43	12	50
Men	838	762	7	8	5	22	10	24
Women	272	218	0	5	0	21	2	26
Construction trades	1,906	1,552	101	72	104	41	31	5
Men	1,792	1,465	95	66	100	32	29	5
Women	114	87	6	6	4	9	2	0
Education	8,273	5,704	875	1,069	177	227	123	98
Men	1,771	1,159	164	252	61	68	37	30
Women	6,502	4,545	711	817	116	159	86	68
Engineering	1,717	1,222	84	128	133	21	42	87
Men	1,437	1,035	62	102	112	16	37	73
Women	280	187	22	26	21	5	5	14
Engineering-related technologies	23,280	16,846	2,338	1,867	1,211	232	370	416
Men	19,968	14,506	1,894	1,638	1,070	178	325	357
Women	3,312	2,340	444	229	141	54	45	59

Table 4a.--Associate's degrees conferred by 2-year Title IV participating, degree-granting institutions, by race/ethnicity, field of study, and gender: 50 states and District of Columbia, 1997-98 -- continued

Field of study and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
English language & literature/letters	1,561	861	100	180	109	17	55	239
Men	539	290	35	62	40	4	20	88
Women	1,022	571	65	118	69	13	35	151
Foreign languages & literatures	538	311	10	111	31	6	31	38
Men	215	130	5	33	11	3	19	14
Women	323	181	5	78	20	3	12	24
Health professions & related sciences	76,290	59,996	6,892	4,005	2,678	720	1,383	616
Men	11,792	8,711	1,012	865	677	115	282	130
Women	64,498	51,285	5,880	3,140	2,001	605	1,101	486
Home economics	766	543	98	64	27	12	10	12
Men	48	28	8	6	1	4	0	1
Women	718	515	90	58	26	8	10	11
Law & legal studies	6,528	4,840	751	503	111	59	224	40
Men	794	540	111	69	25	6	38	5
Women	5,734	4,300	640	434	86	53	186	35
Liberal/general studies & humanities	169,936	121,850	14,980	15,441	8,412	1,761	3,152	4,340
Men	64,239	46,100	5,137	5,768	3,513	637	1,296	1,788
Women	105,697	75,750	9,843	9,673	4,899	1,124	1,856	2,552
Library science	85	64	6	2	5	2	5	1
Men	13	11	1	0	0	0	1	0
Women	72	53	5	2	5	2	4	1
Marketing opers /market. & distribution	4,365	3,214	300	285	221	28	83	234
Men	1,157	911	63	46	49	9	16	63
Women	3,208	2,303	237	239	172	19	67	171
Mathematics	815	475	32	120	99	13	27	49
Men	466	264	13	68	61	9	18	33
Women	349	211	19	52	38	4	9	16
Mechanics & repairers	9,428	6,805	611	811	664	119	276	142
Men	8,799	6,387	561	770	594	106	257	124
Women	629	418	50	41	70	13	19	18
Military technologies	22	12	9	1	0	0	0	0
Men	21	12	8	1	0	0	0	0
Women	1	0	1	0	0	0	0	0
Multi/interdisciplinary studies	9,029	6,983	845	543	379	65	98	116
Men	4,350	3,269	449	296	179	36	67	54
Women	4,679	3,714	396	247	200	29	31	62
Parks, recreation, leisure & fitness	814	617	89	45	11	4	22	26
Men	449	322	58	29	7	3	15	15
Women	365	295	31	16	4	1	7	11
Personal & miscellaneous services	4,126	2,941	535	242	149	27	206	26
Men	2,289	1,695	256	128	69	12	119	10
Women	1,837	1,246	279	114	80	15	87	16
Philosophy & religion	47	31	2	4	4	0	4	2
Men	23	15	0	1	2	0	3	2
Women	24	16	2	3	2	0	1	0

Table 4a.--Associate's degrees conferred by 2-year Title IV participating, degree-granting institutions, by race/ethnicity, field of study, and gender: 50 states and District of Columbia, 1997-98 -- continued

Field of study and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
Physical sciences	1,533	982	105	107	173	30	62	74
Men	724	475	39	52	83	10	35	30
Women	809	507	66	55	90	20	27	44
Precision production trades	8,230	6,566	389	579	348	107	122	119
Men	6,324	5,059	291	469	247	81	86	91
Women	1,906	1,507	98	110	101	26	36	28
Protective services	15,954	11,957	1,530	1,418	337	211	451	50
Men	10,748	8,387	734	893	242	121	336	35
Women	5,206	3,570	796	525	95	90	115	15
Psychology	1,669	1,011	98	177	50	36	242	55
Men	577	223	35	47	22	12	223	15
Women	1,092	788	63	130	28	24	19	40
Public administration & services	3,482	1,896	883	425	99	87	61	31
Men	537	256	134	87	21	18	11	10
Women	2,945	1,640	749	338	78	69	50	21
Science technologies	574	416	57	41	28	12	11	9
Men	285	218	24	24	8	3	4	4
Women	289	198	33	17	20	9	7	5
Social sciences & history	3,910	2,320	411	557	257	95	127	143
Men	1,430	862	140	199	94	26	49	60
Women	2,480	1,458	271	358	163	69	78	83
Theological studies/religious vocations	32	14	10	0	0	0	0	8
Men	23	11	8	0	0	0	0	4
Women	9	3	2	0	0	0	0	4
Transportation & material moving workers	710	534	26	70	24	6	12	38
Men	603	466	19	63	18	4	6	27
Women	107	68	7	7	6	2	6	11
Visual & performing arts	10,972	7,901	639	833	534	111	391	563
Men	4,970	3,572	318	425	188	48	232	187
Women	6,002	4,329	321	408	346	63	159	376
Vocational home economics	6,719	4,362	919	738	375	49	134	142
Men	565	339	69	40	92	1	8	16
Women	6,154	4,023	850	698	283	48	126	126
Undesignated fields *	2,891	2,090	281	233	139	27	63	58
Men	1,122	811	96	95	61	10	25	24
Women	1,769	1,279	185	138	78	17	38	34

* Includes degrees reported for fields with no CIP code, schools reporting only total degrees by award level and gender, and nonrespondents for which field of study could not be imputed.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Complet and "Consolidated" survey, 1998.

Table 4b.--Associate's degrees conferred by 4-year Title IV participating, degree-granting institutions, by race/ethnicity, field of study, and gender: 50 states and District of Columbia, 1997-98

Field of study and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
All fields	84,243	60,187	9,108	6,575	2,580	872	2,970	1,951
Men	37,253	26,491	3,394	3,553	1,244	332	1,145	1,094
Women	46,990	33,696	5,714	3,022	1,336	540	1,825	857
Agricultural business & production	687	621	5	3	3	4	49	2
Men	472	425	3	2	0	4	38	0
Women	215	196	2	1	3	0	11	2
Agricultural sciences	246	235	3	3	1	2	2	0
Men	103	98	1	0	1	2	1	0
Women	143	137	2	3	0	0	1	0
Architecture & related programs	102	79	3	9	9	0	0	2
Men	60	49	1	6	3	0	0	1
Women	42	30	2	3	6	0	0	1
Area, ethnic & cultural studies	28	9	0	0	0	12	0	7
Men	9	0	0	0	0	6	0	3
Women	19	9	0	0	0	6	0	4
Biological sciences/life sciences	48	43	1	2	0	1	0	1
Men	18	18	0	0	0	0	0	0
Women	30	25	1	2	0	1	0	1
Business management & admin. services	15,615	10,085	2,430	1,423	343	167	722	445
Men	4,708	3,057	624	431	128	34	239	195
Women	10,907	7,028	1,806	992	215	133	483	250
Communications	394	245	39	13	21	2	55	19
Men	114	70	16	5	3	0	14	6
Women	280	175	23	8	18	2	41	13
Communications technologies	170	148	11	3	1	0	0	7
Men	104	90	8	1	0	0	0	5
Women	66	58	3	2	1	0	0	2
Computer & information sciences	2,637	1,626	387	209	188	37	155	35
Men	1,597	995	181	139	132	14	114	22
Women	1,040	631	206	70	56	23	41	13
Conservation & renew. natural resources	357	344	0	1	0	10	1	1
Men	297	290	0	1	0	4	1	1
Women	60	54	0	0	0	6	0	0
Construction trades	266	234	14	6	2	3	6	1
Men	263	231	14	6	2	3	6	1
Women	3	3	0	0	0	0	0	0
Education	1,005	681	157	66	7	15	65	14
Men	403	277	55	32	2	3	26	8
Women	602	404	102	34	5	12	39	6
Engineering	432	260	35	56	30	1	4	46
Men	386	230	31	54	27	1	3	40
Women	46	30	4	2	3	0	1	6
Engineering-related technologies	9,468	6,798	877	848	340	72	198	335
Men	8,565	6,167	757	778	321	61	178	303
Women	903	631	120	70	19	11	20	32

Table 4b.--Associate's degrees conferred by 4-year Title IV participating, degree-granting institutions, by race/ethnicity, field of study, and gender: 50 states and District of Columbia, 1997-98 -- continued

Field of study and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
English language & literature/letters	48	33	3	1	1	1	2	7
Men	4	2	0	1	0	0	0	1
Women	44	31	3	0	1	1	2	6
Foreign languages & literatures	5	1	0	2	0	0	0	2
Men	2	1	0	1	0	0	0	0
Women	3	0	0	1	0	0	0	2
Health professions & related sciences	15,741	12,872	1,280	528	411	170	395	85
Men	2,468	1,936	182	112	121	19	67	31
Women	13,273	10,936	1,098	416	290	151	328	54
Home economics	270	170	44	13	14	1	27	1
Men	25	18	2	2	2	0	1	0
Women	245	152	42	11	12	1	26	1
Law & legal studies	1,269	912	226	65	9	9	44	4
Men	149	96	33	12	0	1	6	1
Women	1,120	816	193	53	9	8	38	3
Liberal/general studies & humanities	16,312	11,745	2,015	1,001	569	221	369	392
Men	6,373	4,646	734	336	217	89	154	197
Women	9,939	7,099	1,281	665	352	132	215	195
Library science	11	10	1	0	0	0	0	0
Men	1	1	0	0	0	0	0	0
Women	10	9	1	0	0	0	0	0
Marketing opers /market. & distribution	1,151	712	116	78	53	1	143	48
Men	211	155	17	7	7	0	15	10
Women	940	557	99	71	46	1	128	38
Mathematics	29	27	1	0	1	0	0	0
Men	25	23	1	0	1	0	0	0
Women	4	4	0	0	0	0	0	0
Mechanics & repairers	1,188	958	68	39	29	13	35	46
Men	1,102	914	62	34	21	13	15	43
Women	86	44	6	5	8	0	20	3
Military technologies	0	0	0	0	0	0	0	0
Men	0	0	0	0	0	0	0	0
Women	0	0	0	0	0	0	0	0
Multi/interdisciplinary studies	372	299	34	25	6	0	5	3
Men	191	155	14	16	4	0	1	1
Women	181	144	20	9	2	0	4	2
Parks, recreation, leisure & fitness	81	69	6	1	1	0	1	3
Men	63	53	5	1	1	0	0	3
Women	18	16	1	0	0	0	1	0
Personal & miscellaneous services	3,618	2,953	210	164	80	13	123	75
Men	2,353	1,994	112	114	44	12	42	35
Women	1,265	959	98	50	36	1	81	40
Philosophy & religion	47	43	1	1	0	1	1	0
Men	20	18	1	1	0	0	0	0
Women	27	25	0	0	0	1	1	0

Table 4b.--Associate's degrees conferred by 4-year Title IV participating, degree-granting institutions, by race/ethnicity, field of study, and gender: 50 states and District of Columbia, 1997-98 -- continued

Field of study and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
Physical sciences	51	41	6	3	0	0	0	1
Men	29	24	2	2	0	0	0	1
Women	22	17	4	1	0	0	0	0
Precision production trades	2,855	2,135	167	275	117	16	50	95
Men	2,227	1,702	122	227	66	10	16	84
Women	628	433	45	48	51	6	34	11
Protective services	3,048	1,493	290	1,147	12	17	78	11
Men	2,072	961	128	919	7	9	42	6
Women	976	532	162	228	5	8	36	5
Psychology	96	62	14	2	3	1	11	3
Men	27	20	3	0	1	0	2	1
Women	69	42	11	2	2	1	9	2
Public administration & services	674	402	164	41	8	19	32	8
Men	155	97	29	6	2	8	10	3
Women	519	305	135	35	6	11	22	5
Science technologies	128	90	19	4	7	1	2	5
Men	61	48	7	1	3	0	1	1
Women	67	42	12	3	4	1	1	4
Social sciences & history	286	178	45	11	1	12	32	7
Men	134	66	27	3	0	3	31	4
Women	152	112	18	8	1	9	1	3
Theological studies/religious vocations	538	388	79	20	12	14	8	17
Men	300	210	41	14	7	12	4	12
Women	238	178	38	6	5	2	4	5
Transportation & material moving workers	299	239	18	17	9	5	7	4
Men	249	199	13	17	7	4	5	4
Women	50	40	5	0	2	1	2	0
Visual & performing arts	4,008	2,377	291	481	281	29	336	213
Men	1,803	1,065	161	269	111	20	109	68
Women	2,205	1,312	130	212	170	9	227	145
Vocational home economics	537	481	33	7	6	2	6	2
Men	59	54	2	0	1	0	1	1
Women	478	427	31	7	5	2	5	1
Undesignated fields *	126	89	15	7	5	0	6	4
Men	51	36	5	3	2	0	3	2
Women	75	53	10	4	3	0	3	2

* Includes degrees reported for fields with no CIP code, schools reporting only total degrees by award level and gender, and nonrespondents for which field of study could not be imputed.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Complet and "Consolidated" survey, 1998.

Table 5.--Bachelor's degrees conferred by Title IV participating, degree-granting institutions, by race/ethnicity, field of study, and gender: 50 states and District of Columbia, 1997-98

Field of study and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
All fields	1,184,406	877,228	95,565	64,174	69,670	7,691	30,853	39,225
Men	519,956	388,259	33,516	26,875	32,483	3,063	14,140	21,620
Women	664,450	488,969	62,049	37,299	37,187	4,628	16,713	17,605
Agricultural business & production	5,192	4,494	201	121	179	34	85	78
Men	3,478	3,063	106	79	90	19	62	59
Women	1,714	1,431	95	42	89	15	23	19
Agricultural sciences	8,219	7,084	280	265	211	61	163	155
Men	4,403	3,859	118	135	81	32	83	95
Women	3,816	3,225	162	130	130	29	80	60
Architecture & related programs	7,652	5,389	284	518	674	39	208	540
Men	4,966	3,598	199	338	376	29	121	305
Women	2,686	1,791	85	180	298	10	87	235
Area, ethnic & cultural studies	6,153	3,515	716	708	727	78	181	228
Men	2,045	1,163	229	250	228	30	57	88
Women	4,108	2,352	487	458	499	48	124	140
Biological sciences/life sciences	65,868	45,849	4,543	3,124	8,862	399	1,672	1,419
Men	29,589	20,908	1,444	1,438	4,178	191	752	678
Women	36,279	24,941	3,099	1,686	4,684	208	920	741
Business management & admin. services	228,476	161,977	19,763	11,920	14,252	1,229	5,980	13,355
Men	118,090	86,865	7,702	5,908	6,573	526	3,021	7,495
Women	110,386	75,112	12,061	6,012	7,679	703	2,959	5,860
Communications	49,385	38,193	4,326	2,384	1,625	259	1,100	1,498
Men	19,631	15,646	1,441	858	544	108	460	574
Women	29,754	22,547	2,885	1,526	1,081	151	640	924
Communications technologies	729	525	100	25	26	6	12	35
Men	383	297	39	13	13	2	8	11
Women	346	228	61	12	13	4	4	24
Computer & information sciences	26,852	16,722	2,591	1,162	3,156	105	986	2,130
Men	19,686	13,017	1,325	783	2,276	71	706	1,508
Women	7,166	3,705	1,266	379	880	34	280	622
Conservation & renew. natural resources	9,873	8,750	146	250	228	92	267	140
Men	5,928	5,357	71	122	106	53	144	75
Women	3,945	3,393	75	128	122	39	123	65
Construction trades	182	161	11	1	3	1	2	3
Men	169	151	9	1	3	1	1	3
Women	13	10	2	0	0	0	1	0
Education	105,968	88,949	7,536	4,299	1,727	936	1,677	844
Men	26,302	21,710	2,037	1,007	485	261	550	252
Women	79,666	67,239	5,499	3,292	1,242	675	1,127	592
Engineering	59,910	40,542	3,019	3,154	7,002	253	1,296	4,644
Men	48,852	33,627	1,978	2,481	5,435	206	1,109	4,016
Women	11,058	6,915	1,041	673	1,567	47	187	628
Engineering-related technologies	13,727	10,401	1,275	472	443	97	484	555
Men	12,330	9,446	1,039	419	403	83	427	513
Women	1,397	955	236	53	40	14	57	42

Table 5.--Bachelor's degrees conferred by Title IV participating, degree-granting institutions, by race/ethnicity, field of study, and gender: 50 states and District of Columbia, 1997-98 -- continued

Field of study and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
English language & literature/letters	49,708	39,651	3,514	2,383	1,893	280	1,488	499
Men	16,477	13,467	893	769	549	87	566	146
Women	33,231	26,184	2,621	1,614	1,344	193	922	353
Foreign languages & literatures	14,451	9,925	531	2,288	685	78	455	489
Men	4,342	3,020	138	679	180	25	167	133
Women	10,109	6,905	393	1,609	505	53	288	356
Health professions & related sciences	84,379	65,813	7,056	3,241	4,689	586	2,089	905
Men	15,082	11,354	1,052	739	1,167	141	381	248
Women	69,297	54,459	6,004	2,502	3,522	445	1,708	657
Home economics	16,866	13,806	1,234	564	649	94	259	260
Men	1,824	1,392	152	82	96	11	42	49
Women	15,042	12,414	1,082	482	553	83	217	211
Law & legal studies	2,017	1,493	233	120	86	26	50	9
Men	569	408	60	46	31	9	13	2
Women	1,448	1,085	173	74	55	17	37	7
Liberal/general studies & humanities	33,202	23,358	3,655	2,650	1,259	321	1,327	632
Men	11,866	8,715	1,105	771	452	112	432	279
Women	21,336	14,643	2,550	1,879	807	209	895	353
Library science	73	63	5	1	1	2	0	1
Men	17	15	1	1	0	0	0	0
Women	56	48	4	0	1	2	0	1
Marketing opers./market. & distribution	4,381	3,191	269	209	238	20	153	301
Men	1,803	1,380	56	71	93	10	33	160
Women	2,578	1,811	213	138	145	10	120	141
Mathematics	12,328	9,040	1,029	622	851	66	266	454
Men	6,596	4,846	487	326	460	39	146	292
Women	5,732	4,194	542	296	391	27	120	162
Mechanics & repairers	91	63	4	7	1	0	1	15
Men	89	61	4	7	1	0	1	15
Women	2	2	0	0	0	0	0	0
Military technologies	3	3	0	0	0	0	0	0
Men	3	3	0	0	0	0	0	0
Women	0	0	0	0	0	0	0	0
Multi/interdisciplinary studies	26,163	18,354	2,225	2,467	1,771	185	751	410
Men	8,866	6,314	651	619	692	59	333	198
Women	17,297	12,040	1,574	1,848	1,079	126	418	212
Parks, recreation, leisure & fitness	16,781	13,979	1,091	776	332	96	262	245
Men	8,350	6,854	593	444	162	37	133	127
Women	8,431	7,125	498	332	170	59	129	118
Personal & miscellaneous services	262	220	15	8	2	4	2	11
Men	176	154	8	6	2	0	2	4
Women	86	66	7	2	0	4	0	7
Philosophy & religion	8,207	6,502	391	415	417	46	284	152
Men	5,178	4,141	220	280	252	24	171	90
Women	3,029	2,361	171	135	165	22	113	62

Table 5.--Bachelor's degrees conferred by Title IV participating, degree-granting institutions, by race/ethnicity, field of study, and gender: 50 states and District of Columbia, 1997-98 -- continued

Field of study and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
Physical sciences	19,276	14,568	1,123	600	1,674	106	530	675
Men	11,878	9,292	520	351	902	65	319	429
Women	7,398	5,276	603	249	772	41	211	246
Precision production trades	407	316	40	10	15	4	12	10
Men	296	232	29	7	9	4	9	6
Women	111	84	11	3	6	0	3	4
Protective services	25,076	17,640	3,815	2,129	514	226	612	140
Men	14,934	11,149	1,698	1,165	345	108	394	75
Women	10,142	6,491	2,117	964	169	118	218	65
Psychology	73,972	54,224	6,842	5,055	4,252	515	1,918	1,166
Men	18,959	13,919	1,543	1,286	1,222	147	547	295
Women	55,013	40,305	5,299	3,769	3,030	368	1,371	871
Public administration & services	20,408	13,601	3,776	1,459	555	252	532	233
Men	3,881	2,483	714	310	149	43	127	55
Women	16,527	11,118	3,062	1,149	406	209	405	178
Science technologies	140	93	13	4	21	1	6	2
Men	77	55	5	2	11	0	3	1
Women	63	38	8	2	10	1	3	1
Social sciences & history	125,040	90,004	11,102	7,908	7,562	857	3,843	3,764
Men	63,537	47,443	4,432	3,688	3,589	378	1,966	2,041
Women	61,503	42,561	6,670	4,220	3,973	479	1,877	1,723
Theological studies/religious vocations	5,903	5,188	218	165	108	16	58	150
Men	4,260	3,794	137	120	68	10	35	96
Women	1,643	1,394	81	45	40	6	23	54
Transportation & material moving workers	3,206	2,575	160	152	69	25	77	148
Men	2,809	2,244	134	141	62	24	65	139
Women	397	331	26	11	7	1	12	9
Visual & performing arts	52,077	39,671	2,281	2,462	2,809	288	1,715	2,851
Men	21,483	16,250	1,095	1,103	1,154	116	736	1,029
Women	30,594	23,421	1,186	1,359	1,655	172	979	1,822
Vocational home economics	430	333	43	12	16	3	8	15
Men	156	131	15	3	3	0	0	4
Women	274	202	28	9	13	3	8	11
Undesignated fields *	1,373	1,003	109	64	86	5	42	64
Men	596	436	37	27	41	2	18	35
Women	777	567	72	37	45	3	24	29

* Includes degrees reported for fields with no CIP code, schools reporting only total degrees by award level and gender, and nonrespondents for which field of study could not be imputed.

SOURCE U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table 6.--Master's degrees conferred by Title IV participating, degree-granting institutions, by race/ethnicity, field of study, and gender: 50 states and District of Columbia, 1997-98

Field of study and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
All fields	430,164	292,093	28,599	15,393	19,967	1,951	19,782	52,379
Men	184,375	118,404	9,103	6,138	9,657	740	8,771	31,562
Women	245,789	173,689	19,496	9,255	10,310	1,211	11,011	20,817
Agricultural business & production	627	347	42	14	11	3	13	197
Men	396	223	20	6	7	2	9	129
Women	231	124	22	8	4	1	4	68
Agricultural sciences	1,475	930	64	29	32	11	37	372
Men	850	539	27	19	17	8	17	223
Women	625	391	37	10	15	3	20	149
Architecture & related programs	4,347	2,680	149	171	273	16	175	883
Men	2,537	1,584	74	97	132	7	110	533
Women	1,810	1,096	75	74	141	9	65	350
Area, ethnic & cultural studies	1,617	1,009	106	99	83	15	86	219
Men	709	452	42	46	29	6	32	102
Women	908	557	64	53	54	9	54	117
Biological sciences/life sciences	6,261	4,159	190	166	573	21	261	891
Men	2,981	2,009	68	83	289	9	131	392
Women	3,280	2,150	122	83	284	12	130	499
Business management & admin. services	101,609	64,224	6,151	3,024	6,220	327	5,444	16,219
Men	62,403	40,366	2,735	1,769	3,576	191	3,493	10,273
Women	39,206	23,858	3,416	1,255	2,644	136	1,951	5,946
Communications	5,611	3,449	458	183	219	17	282	1,003
Men	2,110	1,366	141	68	61	9	102	363
Women	3,501	2,083	317	115	158	8	180	640
Communications technologies	564	300	49	21	32	0	22	140
Men	282	170	16	11	16	0	12	57
Women	282	130	33	10	16	0	10	83
Computer & information sciences	11,246	3,962	377	181	1,527	14	435	4,750
Men	7,987	3,032	229	117	909	11	314	3,375
Women	3,259	930	148	64	618	3	121	1,375
Conservation & renew. natural resources	2,373	1,906	31	56	50	12	83	235
Men	1,306	1,045	9	27	25	7	53	140
Women	1,067	861	22	29	25	5	30	95
Construction trades	16	5	4	0	2	0	0	5
Men	9	2	3	0	2	0	0	2
Women	7	3	1	0	0	0	0	3
Education	114,691	88,686	9,754	4,980	2,049	620	5,300	3,302
Men	27,070	20,736	2,198	1,252	452	165	1,307	960
Women	87,621	67,950	7,556	3,728	1,597	455	3,993	2,342
Engineering	25,936	12,008	714	701	2,451	54	853	9,155
Men	20,813	9,795	470	553	1,824	46	693	7,432
Women	5,123	2,213	244	148	627	8	160	1,723
Engineering-related technologies	1,136	815	101	28	30	6	28	128
Men	876	631	79	20	24	4	19	99
Women	260	184	22	8	6	2	9	29

Table 6.--Master's degrees conferred by Title IV participating, degree-granting institutions, by race/ethnicity, field of study, and gender: 50 states and District of Columbia, 1997-98 -- continued

Field of study and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
English language & literature/letters	7,795	6,075	318	240	245	47	472	398
Men	2,643	2,098	90	91	69	17	171	107
Women	5,152	3,977	228	149	176	30	301	291
Foreign languages & literatures	2,927	1,680	69	320	116	7	167	568
Men	932	556	21	99	26	1	58	171
Women	1,995	1,124	48	221	90	6	109	397
Health professions & related sciences	39,260	29,928	2,387	1,211	2,390	194	1,559	1,591
Men	8,751	6,150	433	334	815	51	370	598
Women	30,509	23,778	1,954	877	1,575	143	1,189	993
Home economics	2,888	2,134	202	115	90	16	100	231
Men	493	363	29	26	20	0	14	41
Women	2,395	1,771	173	89	70	16	86	190
Law & legal studies	3,228	1,213	102	85	99	13	200	1,516
Men	2,070	800	44	53	58	7	133	975
Women	1,158	413	58	32	41	6	67	541
Liberal/general studies & humanities	2,801	2,118	160	79	59	12	179	194
Men	1,023	769	49	34	24	5	67	75
Women	1,778	1,349	111	45	35	7	112	119
Library science	4,871	4,028	211	86	132	25	225	164
Men	1,015	834	36	21	22	6	56	40
Women	3,856	3,194	175	65	110	19	169	124
Marketing opers./market. & distribution	562	393	22	16	27	0	29	75
Men	310	233	8	11	12	0	13	33
Women	252	160	14	5	15	0	16	42
Mathematics	3,643	1,990	150	85	215	11	164	1,028
Men	2,151	1,156	71	45	111	4	100	664
Women	1,492	834	79	40	104	7	64	364
Mechanics & repairers	0	0	0	0	0	0	0	0
Men	0	0	0	0	0	0	0	0
Women	0	0	0	0	0	0	0	0
Military technologies	0	0	0	0	0	0	0	0
Men	0	0	0	0	0	0	0	0
Women	0	0	0	0	0	0	0	0
Multi/interdisciplinary studies	2,677	1,963	141	88	82	26	153	224
Men	1,076	781	41	26	33	11	65	119
Women	1,601	1,182	100	62	49	15	88	105
Parks, recreation, leisure & fitness	2,024	1,610	110	52	34	8	95	115
Men	1,053	830	50	37	22	2	46	66
Women	971	780	60	15	12	6	49	49
Personal & miscellaneous services	0	0	0	0	0	0	0	0
Men	0	0	0	0	0	0	0	0
Women	0	0	0	0	0	0	0	0
Philosophy & religion	1,307	957	53	36	58	6	74	123
Men	848	609	32	22	42	4	53	86
Women	459	348	21	14	16	2	21	37

Table 6.--Master's degrees conferred by Title IV participating, degree-granting institutions, by race/ethnicity, field of study, and gender: 50 states and District of Columbia, 1997-98 -- continued

Field of study and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
Physical sciences	5,332	3,107	146	112	278	23	166	1,500
Men	3,422	2,024	81	70	150	13	103	981
Women	1,910	1,083	65	42	128	10	63	519
Precision production trades	15	6	1	2	2	0	0	4
Men	10	3	1	2	0	0	0	4
Women	5	3	0	0	2	0	0	0
Protective services	2,000	1,435	295	62	30	13	126	39
Men	1,172	870	133	34	19	9	81	26
Women	828	565	162	28	11	4	45	13
Psychology	13,747	10,411	1,074	698	394	112	589	469
Men	3,699	2,867	262	186	93	36	139	116
Women	10,048	7,544	812	512	301	76	450	353
Public administration & services	25,144	17,175	3,309	1,375	794	174	1,144	1,173
Men	7,025	4,562	845	406	219	39	354	600
Women	18,119	12,613	2,464	969	575	135	790	573
Science technologies	29	21	0	0	2	0	2	4
Men	13	10	0	0	1	0	0	2
Women	16	11	0	0	1	0	2	2
Social sciences & history	14,938	9,403	906	559	572	75	647	2,776
Men	7,960	5,004	389	277	259	36	366	1,629
Women	6,978	4,399	517	282	313	39	281	1,147
Theological studies/religious vocations	4,692	3,450	265	112	211	16	99	539
Men	2,726	1,963	153	78	121	6	46	359
Women	1,966	1,487	112	34	90	10	53	180
Transportation & material moving workers	736	639	36	14	10	5	21	11
Men	664	579	25	14	10	5	21	10
Women	72	60	11	0	0	0	0	1
Visual & performing arts	11,145	7,296	398	365	530	48	492	2,016
Men	4,596	3,149	181	193	147	22	196	708
Women	6,549	4,147	217	172	383	26	296	1,308
Vocational home economics	26	17	2	1	2	1	0	3
Men	1	0	1	0	0	0	0	0
Women	25	17	1	1	2	1	0	3
Undesignated fields *	868	564	52	27	43	3	60	119
Men	393	244	17	11	21	1	27	72
Women	475	320	35	16	22	2	33	47

* Includes degrees reported for fields with no CIP code, schools reporting only total degrees by award level and gender, and nonrespondents for which field of study could not be imputed.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table 7.--Doctor's degrees conferred by Title IV participating, degree-granting institutions, by race/ethnicity, field of study, and gender: 50 states and District of Columbia, 1997-98

Field of study and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
All fields	46,010	27,463	1,984	1,214	2,228	180	1,601	11,340
Men	26,664	14,670	791	620	1,328	80	861	8,314
Women	19,346	12,793	1,193	594	900	100	740	3,026
Agricultural business & production	224	87	4	2	8	0	5	118
Men	171	64	4	2	6	0	3	92
Women	53	23	0	0	2	0	2	26
Agricultural sciences	700	262	11	13	26	2	12	374
Men	499	165	6	7	17	1	9	294
Women	201	97	5	6	9	1	3	80
Architecture & related programs	131	60	4	2	5	0	6	54
Men	80	28	1	1	3	0	3	44
Women	51	32	3	1	2	0	3	10
Area, ethnic & cultural studies	181	100	24	3	7	0	17	30
Men	95	48	16	1	2	0	10	18
Women	86	52	8	2	5	0	7	12
Biological sciences/life sciences	4,961	2,844	92	120	394	9	153	1,349
Men	2,852	1,629	35	57	228	3	90	810
Women	2,109	1,215	57	63	166	6	63	539
Business management & admin. services	1,288	762	39	28	61	6	52	340
Men	884	479	25	16	44	4	32	284
Women	404	283	14	12	17	2	20	56
Communications	354	248	19	6	15	0	13	53
Men	168	120	6	2	6	0	3	31
Women	186	128	13	4	9	0	10	22
Communications technologies	5	1	0	0	0	0	3	1
Men	3	0	0	0	0	0	2	1
Women	2	1	0	0	0	0	1	0
Computer & information sciences	858	388	9	9	56	1	26	369
Men	718	312	4	8	44	1	22	327
Women	140	76	5	1	12	0	4	42
Conservation & renew. natural resources	378	214	14	5	15	2	12	116
Men	261	146	7	3	7	1	9	88
Women	117	68	7	2	8	1	3	28
Construction trades	0	0	0	0	0	0	0	0
Men	0	0	0	0	0	0	0	0
Women	0	0	0	0	0	0	0	0
Education	6,729	4,762	718	263	155	40	225	566
Men	2,479	1,742	199	97	55	18	88	280
Women	4,250	3,020	519	166	100	22	137	286
Engineering	5,980	2,304	81	101	427	10	131	2,926
Men	5,247	2,001	62	88	354	7	114	2,621
Women	733	303	19	13	73	3	17	305
Engineering-related technologies	14	5	0	0	0	0	0	9
Men	14	5	0	0	0	0	0	9
Women	0	0	0	0	0	0	0	0

Table 7 --Doctor's degrees conferred by Title IV participating, degree-granting institutions, by race/ethnicity, field of study, and gender: 50 states and District of Columbia, 1997-98 -- continued

Field of study and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
English language & literature/letters	1,639	1,273	49	45	48	8	77	139
Men	670	516	14	21	17	2	33	67
Women	969	757	35	24	31	6	44	72
Foreign languages & literatures	959	523	13	80	33	2	54	254
Men	406	219	5	35	9	0	21	117
Women	553	304	8	45	24	2	33	137
Health professions & related sciences	2,484	1,565	81	63	173	6	89	507
Men	931	520	23	18	80	0	30	260
Women	1,553	1,045	58	45	93	6	59	247
Home economics	424	304	36	8	10	1	10	55
Men	108	77	5	1	5	0	2	18
Women	316	227	31	7	5	1	8	37
Law & legal studies	66	22	0	2	1	1	5	35
Men	37	9	0	2	0	1	1	24
Women	29	13	0	0	1	0	4	11
Liberal/general studies & humanities	87	65	4	2	1	1	5	9
Men	43	30	4	1	0	0	1	7
Women	44	35	0	1	1	1	4	2
Library science	48	33	5	0	3	0	2	5
Men	17	13	0	0	2	0	1	1
Women	31	20	5	0	1	0	1	4
Marketing opers /market. & distribution	2	1	0	0	1	0	0	0
Men	1	0	0	0	1	0	0	0
Women	1	1	0	0	0	0	0	0
Mathematics	1,259	548	18	23	58	2	37	573
Men	936	396	11	16	35	2	26	450
Women	323	152	7	7	23	0	11	123
Mechanics & repairers	0	0	0	0	0	0	0	0
Men	0	0	0	0	0	0	0	0
Women	0	0	0	0	0	0	0	0
Military technologies	0	0	0	0	0	0	0	0
Men	0	0	0	0	0	0	0	0
Women	0	0	0	0	0	0	0	0
Multi/interdisciplinary studies	508	313	36	18	18	2	35	86
Men	283	161	13	10	11	2	15	71
Women	225	152	23	8	7	0	20	15
Parks, recreation, leisure & fitness	129	88	7	1	3	2	3	25
Men	75	47	2	1	3	2	1	19
Women	54	41	5	0	0	0	2	6
Personal & miscellaneous services	0	0	0	0	0	0	0	0
Men	0	0	0	0	0	0	0	0
Women	0	0	0	0	0	0	0	0
Philosophy & religion	585	428	16	13	20	4	30	74
Men	411	298	9	10	14	3	22	55
Women	174	130	7	3	6	1	8	19

Table 7.--Doctor's degrees conferred by Title IV participating, degree-granting institutions, by race/ethnicity, field of study, and gender: 50 states and District of Columbia, 1997-98 -- continued

Field of study and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
Physical sciences	4,569	2,381	63	50	252	13	192	1,618
Men	3,415	1,796	30	40	168	10	135	1,236
Women	1,154	585	33	10	84	3	57	382
Precision production trades	0	0	0	0	0	0	0	0
Men	0	0	0	0	0	0	0	0
Women	0	0	0	0	0	0	0	0
Protective services	39	18	5	3	3	0	2	8
Men	25	10	4	2	3	0	2	4
Women	14	8	1	1	0	0	0	4
Psychology	4,073	3,203	186	178	112	44	165	185
Men	1,325	1,053	49	65	22	10	53	73
Women	2,748	2,150	137	113	90	34	112	112
Public administration & services	499	335	35	20	17	0	16	76
Men	223	136	15	9	6	0	5	52
Women	276	199	20	11	11	0	11	24
Science technologies	2	2	0	0	0	0	0	0
Men	2	2	0	0	0	0	0	0
Women	0	0	0	0	0	0	0	0
Social sciences & history	4,127	2,537	188	97	162	21	161	961
Men	2,445	1,427	82	62	92	11	97	674
Women	1,682	1,110	106	35	70	10	64	287
Theological studies/religious vocations	1,460	943	196	35	82	1	8	195
Men	1,224	794	144	31	75	1	6	173
Women	236	149	52	4	7	0	2	22
Transportation & material moving workers	0	0	0	0	0	0	0	0
Men	0	0	0	0	0	0	0	0
Women	0	0	0	0	0	0	0	0
Visual & performing arts	1,163	791	27	22	59	2	51	211
Men	566	398	14	13	17	1	23	100
Women	597	393	13	9	42	1	28	111
Vocational home economics	0	0	0	0	0	0	0	0
Men	0	0	0	0	0	0	0	0
Women	0	0	0	0	0	0	0	0
Undesignated fields *	85	53	4	2	3	0	4	19
Men	50	29	2	1	2	0	2	14
Women	35	24	2	1	1	0	2	5

* Includes degrees reported for fields with no CIP code, schools reporting only total degrees by award level and gender, and nonrespondents for which field of study could not be imputed.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table 8.--First-professional degrees conferred by Title IV participating, degree-granting institutions, by race/ethnicity, field of study, and gender: 50 states and District of Columbia, 1997-98

Field of study and gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian / Alaskan Native	Race / ethnicity unknown	Non-resident alien
All fields	78,598	57,837	5,352	3,456	7,549	546	1,786	2,072
Men	44,911	34,189	2,245	1,918	3,905	283	1,148	1,223
Women	33,687	23,648	3,107	1,538	3,644	263	638	849
Chiropractic (D.C., D.C.M.)	3,735	2,901	64	112	235	18	356	49
Men	2,712	2,118	37	77	176	12	263	29
Women	1,023	783	27	35	59	6	93	20
Dentistry (D.D.S., D.M.D.)	4,032	2,546	175	138	771	21	248	133
Men	2,490	1,708	69	73	401	17	136	86
Women	1,542	838	106	65	370	4	112	47
Medicine (M.D.)	15,424	10,373	1,160	759	2,566	117	182	267
Men	9,006	6,272	475	449	1,475	59	110	166
Women	6,418	4,101	685	310	1,091	58	72	101
Optometry (O.D.)	1,274	864	32	57	235	5	72	9
Men	594	443	10	25	73	1	38	4
Women	680	421	22	32	162	4	34	5
Osteopathic Medicine (D.O.)	2,110	1,688	60	82	224	22	23	11
Men	1,337	1,099	31	53	121	13	16	4
Women	773	589	29	29	103	9	7	7
Pharmacy (Pharm.D.)	3,660	2,411	288	74	729	6	110	42
Men	1,197	841	79	22	202	3	34	16
Women	2,463	1,570	209	52	527	3	76	26
Podiatry (D.P.M., D.P., Pod.D.)	594	431	18	30	83	1	28	3
Men	418	321	5	17	53	1	18	3
Women	176	110	13	13	30	0	10	0
Veterinary Medicine (D.V.M.)	2,193	1,971	53	62	41	16	11	39
Men	754	664	24	29	11	7	5	14
Women	1,439	1,307	29	33	30	9	6	25
Law (LL.B., J.D.)	39,331	29,868	2,940	2,008	2,363	323	397	1,432
Men	21,876	17,238	1,185	1,067	1,144	159	235	848
Women	17,455	12,630	1,755	941	1,219	164	162	584
Divinity/Ministry (B.D., M.Div.)	5,437	4,087	541	116	278	15	336	64
Men	3,949	2,970	322	94	235	10	273	45
Women	1,488	1,117	219	22	43	5	63	19
Rabbinical & Talmudic Stu. (M.H.L./Rav)	409	392	0	4	0	0	13	0
Men	377	360	0	4	0	0	13	0
Women	32	32	0	0	0	0	0	0
Ordination: Other	27	25	0	1	0	0	1	0
Men	17	15	0	1	0	0	1	0
Women	10	10	0	0	0	0	0	0
Other / uncefined field *	372	280	21	13	24	2	9	23
Men	184	140	8	7	14	1	6	8
Women	188	140	13	6	10	1	3	15

* Includes degrees reported for fields with no CIP code, schools reporting only total degrees by award level and gender, and nonrespondents for which field of study could not be imputed.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table 9.--Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, gender, and state: 50 states and District of Columbia, 1997-98

State	Associate's degrees			Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
50 states and DC	558,555	217,613	340,942	1,184,406	519,956	664,450	430,164	184,375	245,789	46,010	26,664	19,346
Alabama	9,077	3,087	5,990	20,335	8,574	11,761	6,318	2,477	3,841	569	336	233
Alaska	952	363	589	1,479	589	890	484	215	269	68	50	18
Arizona	9,246	4,072	5,174	18,381	8,588	9,793	7,753	3,598	4,155	788	475	313
Arkansas	3,155	1,027	2,128	9,222	4,052	5,170	2,181	814	1,367	162	101	61
California	72,030	28,833	43,197	112,145	49,490	62,655	40,606	18,444	22,162	5,388	3,158	2,230
Colorado *	7,823	3,345	4,478	21,314	10,091	11,223	8,160	3,771	4,389	851	494	357
Connecticut *	4,350	1,491	2,859	13,750	6,105	7,645	7,167	2,941	4,226	686	399	287
Delaware	1,087	354	733	4,418	1,825	2,593	1,439	584	855	172	100	72
District of Columbia	454	187	267	7,369	3,058	4,311	7,006	3,290	3,716	562	281	281
Florida	48,209	19,534	28,675	48,463	21,442	27,021	16,677	7,288	9,389	1,881	990	891
Georgia	9,267	3,217	6,050	29,408	12,255	17,153	10,671	4,242	6,429	1,084	640	444
Hawaii	3,459	1,548	1,911	4,653	2,002	2,651	1,529	696	833	168	101	67
Idaho	5,093	2,114	2,979	4,602	2,062	2,540	1,026	505	521	91	63	28
Illinois	26,898	10,198	16,700	52,196	22,920	29,276	25,111	11,096	14,015	2,690	1,594	1,096
Indiana	10,747	4,697	6,050	30,833	14,171	16,662	7,873	3,743	4,130	1,115	666	449
Iowa	8,905	3,619	5,286	17,543	7,746	9,797	3,589	1,653	1,936	648	419	229
Kansas	7,163	2,865	4,298	14,026	6,335	7,691	4,596	1,876	2,720	487	284	203
Kentucky	6,386	1,853	4,533	14,977	6,335	8,642	4,773	1,729	3,044	410	264	146
Louisiana	4,785	1,434	3,351	18,553	7,616	10,937	5,674	2,339	3,335	567	333	234
Maine	2,336	769	1,567	5,442	2,338	3,104	1,108	393	715	49	22	27
Maryland *	7,867	2,626	5,241	21,720	9,522	12,198	10,130	4,270	5,860	995	563	432
Massachusetts	11,912	4,006	7,906	40,727	17,902	22,825	23,651	9,911	13,740	2,554	1,543	1,011
Michigan	20,993	7,630	13,363	44,186	19,503	24,683	17,898	7,967	9,931	1,565	908	657
Minnesota	11,052	4,110	6,942	23,044	9,985	13,059	7,226	2,760	4,466	943	527	416
Mississippi	5,742	1,958	3,784	10,290	4,229	6,061	3,405	1,266	2,139	351	203	148
Missouri	10,207	4,096	6,111	28,888	12,539	16,349	11,661	5,126	6,535	860	520	340
Montana	1,648	588	1,060	4,932	2,354	2,578	822	387	435	98	64	34
Nebraska	3,745	1,823	1,922	10,071	4,599	5,472	2,905	1,280	1,625	429	211	218
Nevada	1,605	564	1,041	3,937	1,784	2,153	1,301	546	755	91	61	30
New Hampshire	2,898	1,045	1,853	7,600	3,367	4,233	2,370	1,055	1,315	147	81	66
New Jersey	13,171	4,992	8,179	25,056	10,716	14,340	8,889	3,736	5,153	959	567	392
New Mexico	3,493	1,264	2,229	6,582	2,746	3,836	2,564	1,083	1,481	307	194	113
New York *	51,401	19,871	31,530	93,577	40,148	53,429	46,211	18,115	28,096	4,013	2,137	1,876
North Carolina	14,085	4,840	9,245	34,129	14,535	19,594	8,125	3,577	4,548	1,083	617	466
North Dakota	2,030	898	1,132	4,588	2,131	2,457	766	330	436	71	42	29
Ohio	19,904	7,047	12,857	49,080	21,752	27,328	17,013	7,283	9,730	2,223	1,259	964
Oklahoma	6,750	2,577	4,173	15,887	7,123	8,764	5,310	2,504	2,806	410	253	157
Oregon	5,850	2,421	3,429	13,652	6,209	7,443	4,222	1,803	2,419	458	269	189
Pennsylvania	21,470	8,631	12,839	63,484	28,238	35,246	20,756	9,189	11,567	2,413	1,390	1,023
Rhode Island	3,592	1,795	1,797	8,169	3,649	4,520	1,929	824	1,105	248	139	109
South Carolina	6,398	2,641	3,757	15,174	6,326	8,848	4,615	1,658	2,957	404	224	180
South Dakota	1,674	680	994	4,273	1,861	2,412	937	439	498	71	33	38
Tennessee	7,080	2,582	4,498	21,538	9,409	12,129	7,072	2,749	4,323	687	395	292
Texas	28,163	12,300	15,863	71,771	31,480	40,291	23,632	10,872	12,760	2,815	1,707	1,108
Utah	8,087	3,484	4,603	16,670	8,316	8,354	3,473	1,956	1,517	357	242	115
Vermont	1,442	573	869	4,455	1,999	2,456	1,510	482	1,028	62	27	35
Virginia	11,378	4,370	7,008	31,000	13,349	17,651	10,935	4,523	6,412	1,083	609	474
Washington	19,164	8,057	11,107	23,442	10,277	13,165	7,417	3,046	4,371	707	409	298
West Virginia	2,918	1,030	1,888	8,290	3,844	4,446	2,562	1,015	1,547	158	97	61
Wisconsin	9,386	3,674	5,712	27,379	11,700	15,679	6,729	2,752	3,977	948	561	387
Wyoming	2,028	833	1,195	1,706	770	936	387	177	210	64	42	22

* Includes data for U.S. Service Schools located in state

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998

Table 9a.--Degrees conferred by public Title IV participating, degree-granting institutions, by level of degree, gender, and state: 50 states and District of Columbia, 1997-98

State	Associate's degrees			Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
50 states and DC	455,084	170,701	284,383	784,296	348,462	435,834	235,922	97,807	138,115	29,715	17,401	12,314
Alabama	7,993	2,651	5,342	17,104	7,308	9,796	5,756	2,200	3,556	555	324	231
Alaska	856	334	522	1,386	558	828	429	194	235	68	50	18
Arizona	6,745	2,376	4,369	15,332	6,955	8,377	5,331	2,221	3,110	755	468	287
Arkansas	3,028	951	2,077	7,355	3,177	4,178	2,101	783	1,318	162	101	61
California	61,190	23,071	38,119	83,154	36,567	46,587	19,468	8,358	11,110	2,857	1,742	1,115
Colorado *	5,147	1,921	3,226	17,245	8,244	9,001	5,202	2,390	2,812	728	440	288
Connecticut *	3,478	1,214	2,264	6,591	2,944	3,647	2,667	885	1,782	253	148	105
Delaware	913	323	590	3,522	1,489	2,033	865	406	459	142	89	53
District of Columbia	162	73	89	450	186	264	77	24	53	0	0	0
Florida	40,033	15,054	24,979	34,056	14,510	19,546	9,587	3,826	5,761	1,121	660	461
Georgia	7,428	2,439	4,989	21,469	9,085	12,384	7,895	3,178	4,717	808	496	312
Hawaii	2,305	966	1,339	3,086	1,309	1,777	932	393	539	161	98	63
Idaho	1,330	576	754	4,300	1,918	2,382	982	475	507	91	63	28
Illinois	23,723	8,793	14,930	29,001	13,564	15,437	10,051	4,226	5,825	1,241	778	463
Indiana	7,709	3,527	4,182	20,744	9,503	11,241	5,738	2,730	3,008	991	579	412
Iowa	8,233	3,354	4,879	9,496	4,564	4,932	2,495	1,188	1,307	637	413	224
Kansas	6,628	2,680	3,948	11,084	5,171	5,913	3,774	1,506	2,268	487	284	203
Kentucky	4,728	1,281	3,447	11,740	5,002	6,738	4,166	1,520	2,646	308	180	128
Louisiana	4,054	1,116	2,938	15,366	6,333	9,033	4,218	1,655	2,563	413	235	178
Maine	1,623	633	990	3,213	1,434	1,779	748	274	474	49	22	27
Maryland *	7,479	2,498	4,981	17,098	7,679	9,419	5,225	2,114	3,111	606	337	269
Massachusetts	7,650	2,815	4,835	12,652	5,638	7,014	3,622	1,350	2,272	390	220	170
Michigan	17,724	6,652	11,072	33,122	14,724	18,398	14,335	6,386	7,949	1,505	865	640
Minnesota	9,049	3,245	5,804	14,895	6,732	8,163	4,197	1,774	2,423	729	450	279
Mississippi	5,638	1,930	3,708	8,471	3,557	4,914	2,831	1,079	1,752	351	203	148
Missouri	6,808	2,434	4,374	15,624	6,827	8,797	4,028	1,661	2,367	425	265	160
Montana	1,267	460	807	4,410	2,157	2,253	797	380	417	98	64	34
Nebraska	3,108	1,641	1,467	6,811	3,276	3,535	2,289	1,026	1,263	311	161	150
Nevada	1,409	521	888	3,782	1,716	2,066	1,094	449	645	91	61	30
New Hampshire	1,637	684	953	3,874	1,648	2,226	726	268	458	74	42	32
New Jersey	11,811	4,388	7,423	18,531	8,084	10,447	5,241	1,977	3,264	544	290	254
New Mexico	3,241	1,104	2,137	5,753	2,430	3,323	2,114	898	1,216	307	194	113
New York *	40,411	15,939	24,472	42,645	18,290	24,355	13,259	4,570	8,689	1,362	737	625
North Carolina	13,262	4,472	8,790	23,162	10,066	13,096	5,961	2,433	3,528	802	442	360
North Dakota	1,874	849	1,025	4,008	1,930	2,078	671	289	382	71	42	29
Ohio	16,206	5,518	10,688	31,652	14,384	17,268	11,092	4,836	6,256	1,643	936	707
Oklahoma	6,537	2,471	4,066	12,648	5,677	6,971	3,789	1,641	2,148	359	215	144
Oregon	5,421	2,154	3,267	9,700	4,580	5,120	2,742	1,210	1,532	412	232	180
Pennsylvania	11,606	4,356	7,250	30,874	14,091	16,783	8,784	3,725	5,059	1,334	736	598
Rhode Island	1,265	402	863	3,038	1,187	1,851	814	286	528	71	36	35
South Carolina	5,478	2,124	3,354	11,416	4,847	6,569	4,204	1,510	2,694	385	207	178
South Dakota	1,409	606	803	3,458	1,581	1,877	855	404	451	69	31	38
Tennessee	5,621	1,818	3,803	13,836	6,023	7,813	4,771	1,815	2,956	429	230	199
Texas	24,104	9,576	14,528	56,197	24,641	31,556	17,843	7,903	9,940	2,448	1,452	996
Utah	7,351	3,183	4,168	9,634	4,890	4,744	1,916	946	970	295	198	97
Vermont	670	245	425	2,324	1,074	1,250	437	168	269	59	27	32
Virginia	9,122	3,332	5,790	22,810	10,104	12,706	8,582	3,584	4,998	988	536	452
Washington	18,064	7,338	10,726	18,009	8,073	9,936	3,768	1,694	2,074	649	373	276
West Virginia	2,134	796	1,338	6,828	3,242	3,586	2,366	928	1,438	158	97	61
Wisconsin	8,694	3,280	5,414	19,634	8,723	10,911	4,700	1,894	2,806	859	510	349
Wyoming	1,728	537	1,191	1,706	770	936	387	177	210	64	42	22

* Includes data for U.S. Service Schools located in state

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998

Table 9b.--Degrees conferred by private, not-for-profit Title IV participating, degree-granting institutions, by level of degree, gender, and state: 50 states and District of Columbia, 1997-98

State	Associate's degrees			Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
50 states and DC	47,625	18,541	29,084	386,455	163,675	222,780	188,175	83,278	104,897	15,944	9,144	6,800
Alabama	409	137	272	3,214	1,256	1,958	562	277	285	14	12	2
Alaska	9	4	5	93	31	62	55	21	34	0	0	0
Arizona	62	25	37	1,017	374	643	1,121	721	400	29	5	24
Arkansas	62	22	40	1,867	875	992	80	31	49	0	0	0
California	4,144	2,045	2,099	25,066	10,802	14,264	19,657	9,224	10,433	2,482	1,393	1,089
Colorado	261	140	121	3,033	1,277	1,756	2,252	995	1,257	110	45	65
Connecticut	733	253	480	7,121	3,138	3,983	4,500	2,056	2,444	433	251	182
Delaware	174	31	143	896	336	560	574	178	396	30	11	19
District of Columbia	173	91	82	6,688	2,786	3,902	6,880	3,245	3,635	562	281	281
Florida	2,438	1,219	1,219	13,579	6,493	7,086	6,871	3,355	3,516	760	330	430
Georgia	898	357	541	7,466	2,948	4,518	2,615	992	1,623	251	139	112
Hawaii	1,074	547	527	1,502	669	833	496	271	225	1	1	0
Idaho	3,648	1,445	2,203	295	137	158	44	30	14	0	0	0
Illinois	1,947	633	1,314	22,292	8,785	13,507	14,566	6,561	8,005	1,334	776	558
Indiana	1,176	338	838	9,837	4,433	5,404	2,135	1,013	1,122	124	87	37
Iowa	562	171	391	8,020	3,157	4,863	1,094	465	629	11	6	5
Kansas	418	150	268	2,942	1,164	1,778	822	370	452	0	0	0
Kentucky	438	107	331	3,100	1,291	1,809	603	207	396	102	84	18
Louisiana	455	140	315	3,166	1,272	1,894	1,413	664	749	154	98	56
Maine	261	62	199	2,229	904	1,325	360	119	241	0	0	0
Maryland	261	121	140	4,617	1,840	2,777	4,904	2,156	2,748	389	226	163
Massachusetts	3,612	985	2,627	28,075	12,264	15,811	20,029	8,561	11,468	2,164	1,323	841
Michigan	3,117	849	2,268	11,030	4,768	6,262	3,480	1,558	1,922	60	43	17
Minnesota	712	383	329	8,104	3,232	4,872	2,986	973	2,013	75	39	36
Mississippi	68	25	43	1,819	672	1,147	574	187	387	0	0	0
Missouri	1,844	836	1,008	12,882	5,438	7,444	7,574	3,433	4,141	435	255	180
Montana	280	80	200	522	197	325	25	7	18	0	0	0
Nebraska	334	58	276	3,260	1,323	1,937	616	254	362	118	50	68
Nevada	0	0	0	44	25	19	0	0	0	0	0	0
New Hampshire	499	138	361	3,715	1,713	2,002	1,644	787	857	73	39	34
New Jersey	298	82	216	6,525	2,632	3,893	3,648	1,759	1,889	415	277	138
New Mexico	14	4	10	458	155	303	233	82	151	0	0	0
New York	5,337	2,021	3,316	50,332	21,545	28,787	32,804	13,482	19,322	2,651	1,400	1,251
North Carolina	799	363	436	10,967	4,469	6,498	2,164	1,144	1,020	281	175	106
North Dakota	131	45	86	580	201	379	95	41	54	0	0	0
Ohio	1,412	573	839	16,938	7,020	9,918	5,921	2,447	3,474	580	323	257
Oklahoma	139	52	87	3,239	1,446	1,793	1,521	863	658	51	38	13
Oregon	81	61	20	3,901	1,589	2,312	1,479	592	887	46	37	9
Pennsylvania	2,822	942	1,880	32,610	14,147	18,463	11,972	5,464	6,508	1,079	654	425
Rhode Island	2,327	1,393	934	5,131	2,462	2,669	1,115	538	577	177	103	74
South Carolina	708	370	338	3,758	1,479	2,279	411	148	263	19	17	2
South Dakota	132	24	108	729	237	492	82	35	47	2	2	0
Tennessee	387	102	285	7,629	3,318	4,311	2,301	934	1,367	258	165	93
Texas	908	464	444	15,336	6,659	8,677	5,764	2,960	2,804	367	255	112
Utah	268	81	187	6,701	3,202	3,499	1,197	752	445	62	44	18
Vermont	586	204	382	2,117	915	1,202	1,073	314	759	3	0	3
Virginia	586	193	393	7,522	2,936	4,586	2,095	789	1,306	95	73	22
Washington	80	30	50	5,351	2,149	3,202	3,649	1,352	2,297	58	36	22
West Virginia	318	77	241	1,462	602	860	196	87	109	0	0	0
Wisconsin	223	68	155	7,678	2,912	4,766	1,923	784	1,139	89	51	38
Wyoming	0	0	0	0	0	0	0	0	0	0	0	0

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table 9c --Degrees conferred by private, for-profit Title IV participating, degree-granting institutions, by level of degree, gender, and state: 50 states and District of Columbia, 1997-98

State	Associate's degrees			Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
50 states and DC	55,846	28,371	27,475	13,655	7,819	5,836	6,067	3,290	2,777	351	119	232
Alabama	675	299	376	17	10	7	0	0	0	0	0	0
Alaska	87	25	62	0	0	0	0	0	0	0	0	0
Arizona	2,439	1,671	768	2,032	1,259	773	1,301	656	645	4	2	2
Arkansas	65	54	11	0	0	0	0	0	0	0	0	0
California	6,696	3,717	2,979	3,925	2,121	1,804	1,481	862	619	49	23	26
Colorado	2,415	1,284	1,131	1,036	570	466	706	386	320	13	9	4
Connecticut	139	24	115	38	23	15	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0	0	0	0	0	0
District of Columbia	119	23	96	231	86	145	49	21	28	0	0	0
Florida	5,738	3,261	2,477	828	439	389	219	107	112	0	0	0
Georgia	941	421	520	473	222	251	161	72	89	25	5	20
Hawaii	80	35	45	65	24	41	101	32	69	6	2	4
Idaho	115	93	22	7	7	0	0	0	0	0	0	0
Illinois	1,228	772	456	903	571	332	494	309	185	115	40	75
Indiana	1,862	832	1,030	252	235	17	0	0	0	0	0	0
Iowa	110	94	16	27	25	2	0	0	0	0	0	0
Kansas	117	35	82	0	0	0	0	0	0	0	0	0
Kentucky	1,220	465	755	137	42	95	4	2	2	0	0	0
Louisiana	276	178	98	21	11	10	43	20	23	0	0	0
Maine	452	74	378	0	0	0	0	0	0	0	0	0
Maryland	127	7	120	5	3	2	1	0	1	0	0	0
Massachusetts	650	206	444	0	0	0	0	0	0	0	0	0
Michigan	152	129	23	34	11	23	83	23	60	0	0	0
Minnesota	1,291	482	809	45	21	24	43	13	30	139	38	101
Mississippi	36	3	33	0	0	0	0	0	0	0	0	0
Missouri	1,555	826	729	382	274	108	59	32	27	0	0	0
Montana	101	48	53	0	0	0	0	0	0	0	0	0
Nebraska	303	124	179	0	0	0	0	0	0	0	0	0
Nevada	196	43	153	111	43	68	207	97	110	0	0	0
New Hampshire	762	223	539	11	6	5	0	0	0	0	0	0
New Jersey	1,062	522	540	0	0	0	0	0	0	0	0	0
New Mexico	238	156	82	371	161	210	217	103	114	0	0	0
New York	5,653	1,911	3,742	600	313	287	148	63	85	0	0	0
North Carolina	24	5	19	0	0	0	0	0	0	0	0	0
North Dakota	25	4	21	0	0	0	0	0	0	0	0	0
Ohio	2,286	956	1,330	490	348	142	0	0	0	0	0	0
Oklahoma	74	54	20	0	0	0	0	0	0	0	0	0
Oregon	348	206	142	51	40	11	1	1	0	0	0	0
Pennsylvania	7,042	3,333	3,709	0	0	0	0	0	0	0	0	0
Rhode Island	0	0	0	0	0	0	0	0	0	0	0	0
South Carolina	212	147	65	0	0	0	0	0	0	0	0	0
South Dakota	133	50	83	86	43	43	0	0	0	0	0	0
Tennessee	1,072	662	410	73	68	5	0	0	0	0	0	0
Texas	3,151	2,260	891	238	180	58	25	9	16	0	0	0
Utah	468	220	248	335	224	111	360	258	102	0	0	0
Vermont	186	124	62	14	10	4	0	0	0	0	0	0
Virginia	1,670	845	825	668	309	359	258	150	108	0	0	0
Washington	1,020	689	331	82	55	27	0	0	0	0	0	0
West Virginia	466	157	309	0	0	0	0	0	0	0	0	0
Wisconsin	469	326	143	67	65	2	106	74	32	0	0	0
Wyoming	300	296	4	0	0	0	0	0	0	0	0	0

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table 9d.--First-professional degrees conferred by Title IV participating, degree-granting institutions, by control of institution, gender, and state: 50 states and District of Columbia, 1997-98

State	Total			Public			Private, non-profit		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
50 states and DC *	78,598	44,911	33,687	31,233	16,934	14,299	47,018	27,777	19,241
Alabama	1,095	637	458	583	335	248	512	302	210
Alaska	0	0	0	0	0	0	0	0	0
Arizona	438	219	219	438	219	219	0	0	0
Arkansas	460	245	215	460	245	215	0	0	0
California *	8,611	4,716	3,895	2,096	1,052	1,044	6,168	3,464	2,704
Colorado	834	435	399	466	221	245	368	214	154
Connecticut	884	499	385	307	161	146	577	338	239
Delaware	344	187	157	0	0	0	344	187	157
District of Columbia	2,676	1,385	1,291	60	32	28	2,616	1,353	1,263
Florida	2,762	1,546	1,216	1,128	611	517	1,634	935	699
Georgia	2,489	1,514	975	708	385	323	1,781	1,129	652
Hawaii	130	68	62	128	67	61	2	1	1
Idaho	156	76	80	153	73	80	3	3	0
Illinois	4,508	2,605	1,903	1,152	629	523	3,356	1,976	1,380
Indiana	1,499	844	655	1,031	568	463	468	276	192
Iowa	1,566	977	589	612	321	291	954	656	298
Kansas	584	343	241	569	334	235	15	9	6
Kentucky	1,180	750	430	819	465	354	361	285	76
Louisiana	1,723	966	757	684	378	306	1,039	588	451
Maine	183	98	85	91	53	38	92	45	47
Maryland	1,115	584	531	931	461	470	184	123	61
Massachusetts	3,948	2,080	1,868	109	56	53	3,839	2,024	1,815
Michigan	2,542	1,470	1,072	1,493	767	726	1,049	703	346
Minnesota	1,666	919	747	709	379	330	957	540	417
Mississippi	494	294	200	353	205	148	141	89	52
Missouri	2,394	1,566	828	630	329	301	1,764	1,237	527
Montana	68	41	27	68	41	27	0	0	0
Nebraska	764	447	317	323	185	138	441	262	179
Nevada	48	31	17	48	31	17	0	0	0
New Hampshire	189	119	70	0	0	0	189	119	70
New Jersey	1,785	1,134	651	964	555	409	821	579	242
New Mexico	185	90	95	185	90	95	0	0	0
New York	7,491	4,219	3,272	1,262	656	606	6,229	3,563	2,666
North Carolina	1,902	1,063	839	811	371	440	1,091	692	399
North Dakota	178	93	85	178	93	85	0	0	0
Ohio	3,301	1,894	1,407	2,113	1,176	937	1,188	718	470
Oklahoma	1,026	618	408	564	336	228	462	282	180
Oregon	1,067	628	439	379	203	176	688	425	263
Pennsylvania	3,930	2,245	1,685	1,297	732	565	2,633	1,513	1,120
Rhode Island	231	115	116	18	6	12	213	109	104
South Carolina	737	431	306	564	318	246	173	113	60
South Dakota	189	107	82	168	88	80	21	19	2
Tennessee	1,453	851	602	749	435	314	704	416	288
Texas	4,821	2,952	1,869	2,781	1,596	1,185	2,040	1,356	684
Utah	379	246	133	237	142	95	142	104	38
Vermont	236	119	117	92	44	48	144	75	69
Virginia	1,953	1,130	823	1,254	718	536	699	412	287
Washington	967	517	450	472	237	235	495	280	215
West Virginia	382	222	160	382	222	160	0	0	0
Wisconsin	975	545	430	554	282	272	421	263	158
Wyoming	60	31	29	60	31	29	0	0	0

* Totals include 347 first-professional degrees (200 men and 147 women) conferred at private, for-profit institutions.

NOTE: First-professional degrees are awarded after completion of the academic requirements to begin practice in the following professions: Chiropractic (D.C. or D.C.M.); Dentistry (D.D.S. or D.M.D.); Law (L.L.B., J.D.); Medicine (M.D.); Optometry (O.D.); Osteopathic Medicine (D.O.); Pharmacy (Pharm.D.); Podiatry (D.P.M., D.P., or Pod.D.); Theology (M.Div., M.H.L., B.D., or Ordination); or Veterinary Medicine (D.V.M.).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table 10.--Associate's degrees conferred by Title IV participating, degree-granting institutions, by level and control of institution, and state: 50 states and District of Columbia, 1997-98

State	Two-year				Four-year			
	Total	Public	Private, not-for-profit	Private, for-profit	Total	Public	Private, not-for-profit	Private, for-profit
50 states and DC	474,312	416,697	17,913	39,702	84,243	38,387	29,712	16,144
Alabama	7,948	7,762	85	101	1,129	231	324	574
Alaska	101	14	0	87	851	842	9	0
Arizona	8,148	6,745	51	1,352	1,098	0	11	1,087
Arkansas	2,064	1,984	15	65	1,091	1,044	47	0
California	68,496	61,190	3,207	4,099	3,534	0	937	2,597
Colorado	6,013	5,002	36	975	1,810	145	225	1,440
Connecticut	3,624	3,437	53	134	726	41	680	5
Delaware	904	904	0	0	183	9	174	0
District of Columbia	0	0	0	0	454	162	173	119
Florida	41,327	37,716	431	3,180	6,882	2,317	2,007	2,558
Georgia	6,759	6,121	316	322	2,508	1,307	582	619
Hawaii	3,006	2,305	628	73	453	0	446	7
Idaho	4,479	834	3,633	12	614	496	15	103
Illinois	24,384	23,330	567	487	2,514	393	1,380	741
Indiana	5,445	4,058	303	1,084	5,302	3,651	873	778
Iowa	8,493	8,233	260	0	412	0	302	110
Kansas	6,276	5,974	185	117	887	654	233	0
Kentucky	4,609	3,606	86	917	1,777	1,122	352	303
Louisiana	3,556	3,041	239	276	1,229	1,013	216	0
Maine	1,588	1,073	63	452	748	550	198	0
Maryland	7,710	7,434	152	124	157	45	109	3
Massachusetts	9,408	7,444	1,314	650	2,504	206	2,298	0
Michigan	16,874	16,535	188	151	4,119	1,189	2,929	1
Minnesota	10,370	8,686	413	1,271	682	363	299	20
Mississippi	5,686	5,592	58	36	56	46	10	0
Missouri	8,153	6,432	563	1,158	2,054	376	1,281	397
Montana	1,225	967	157	101	423	300	123	0
Nebraska	3,469	3,092	74	303	276	16	260	0
Nevada	1,555	1,409	0	146	50	0	0	50
New Hampshire	1,418	1,143	80	195	1,480	494	419	567
New Jersey	12,615	11,521	32	1,062	556	290	266	0
New Mexico	3,104	3,050	0	54	389	191	14	184
New York	37,380	32,034	1,429	3,917	14,021	8,377	3,908	1,736
North Carolina	13,239	13,078	137	24	846	184	662	0
North Dakota	1,917	1,772	120	25	113	102	11	0
Ohio	15,940	13,400	428	2,112	3,964	2,806	984	174
Oklahoma	6,349	6,244	49	56	401	293	90	18
Oregon	5,512	5,311	67	134	338	110	14	214
Pennsylvania	17,512	9,233	1,237	7,042	3,958	2,373	1,585	0
Rhode Island	1,265	1,265	0	0	2,327	0	2,327	0
South Carolina	5,687	5,327	148	212	711	151	560	0
South Dakota	1,054	1,007	47	0	620	402	85	133
Tennessee	6,183	5,286	74	823	897	335	313	249
Texas	26,920	23,514	460	2,946	1,243	590	448	205
Utah	4,749	4,176	266	307	3,338	3,175	2	161
Vermont	482	348	56	78	960	322	530	108
Virginia	10,481	9,025	206	1,250	897	97	380	420
Washington	18,968	18,064	0	904	196	0	80	116
West Virginia	1,071	605	0	466	1,847	1,529	318	0
Wisconsin	8,768	8,646	0	122	618	48	223	347
Wyoming	2,028	1,728	0	300	0	0	0	0

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table 11.--Associate's degrees conferred by Title IV participating, degree-granting institutions, by race/ethnicity and state: 50 states and District of Columbia, 1997-98

State	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian /Alaskan Native	Race/ethnicity unknown	Nonresident alien
50 states and DC	558,555	403,888	54,000	44,758	24,579	6,096	12,872	12,362
Alabama	9,077	6,781	2,038	62	73	75	27	21
Alaska	952	731	75	24	20	80	12	10
Arizona	9,246	6,245	421	1,613	260	477	156	74
Arkansas	3,155	2,730	306	21	48	34	7	9
California	72,030	34,586	4,989	13,964	9,902	824	2,839	4,926
Colorado	7,823	5,966	409	842	202	83	165	156
Connecticut	4,350	3,452	397	235	82	25	79	80
Delaware	1,087	881	132	30	22	4	10	8
District of Columbia	454	103	268	23	27	0	22	11
Florida	48,209	32,866	5,619	6,228	1,429	255	312	1,500
Georgia	9,267	6,666	2,047	123	193	43	50	145
Hawaii	3,459	871	156	97	2,274	15	4	42
Idaho	5,093	4,690	11	72	59	31	73	157
Illinois	26,898	21,105	2,817	1,774	877	79	92	154
Indiana	10,747	9,374	789	221	102	45	142	74
Iowa	8,905	8,260	168	79	101	50	121	126
Kansas	7,163	5,900	526	237	140	163	112	85
Kentucky	6,386	5,763	414	45	73	31	27	33
Louisiana	4,785	3,405	1,113	98	84	47	35	3
Maine	2,336	2,037	15	6	13	23	233	9
Maryland	7,867	5,901	1,255	169	278	26	78	160
Massachusetts	11,912	9,011	904	534	371	96	679	317
Michigan	20,993	17,348	1,819	362	311	179	777	197
Minnesota	11,052	9,719	205	87	234	154	572	81
Mississippi	5,742	4,218	1,429	28	21	28	10	8
Missouri	10,207	8,442	977	148	112	45	424	59
Montana	1,648	1,209	6	12	8	286	114	13
Nebraska	3,745	3,485	92	46	52	41	21	8
Nevada	1,605	1,197	86	108	69	37	85	23
New Hampshire	2,898	2,159	21	27	17	7	662	5
New Jersey	13,171	9,305	1,395	1,040	555	29	463	384
New Mexico	3,493	1,793	112	1,112	45	360	42	29
New York	51,401	32,535	7,392	6,292	1,969	213	1,927	1,073
North Carolina	14,085	11,096	2,343	186	162	164	41	93
North Dakota	2,030	1,799	10	7	1	199	4	10
Ohio	19,904	17,037	1,864	274	181	74	363	111
Oklahoma	6,750	5,404	402	149	120	640	0	35
Oregon	5,850	4,704	62	173	336	78	401	96
Pennsylvania	21,470	17,801	2,180	370	363	38	593	125
Rhode Island	3,592	2,910	215	159	68	16	110	114
South Carolina	6,398	4,803	1,300	59	82	81	28	45
South Dakota	1,674	1,411	11	6	9	198	1	38
Tennessee	7,080	5,925	934	57	67	27	18	52
Texas	28,163	17,182	3,435	6,021	860	150	135	380
Utah	8,087	7,258	34	193	258	79	66	199
Vermont	1,442	1,334	10	11	24	5	46	12
Virginia	11,378	8,640	1,789	296	511	46	6	90
Washington	19,164	14,822	586	682	1,346	275	556	897
West Virginia	2,918	2,771	69	8	17	13	14	26
Wisconsin	9,386	8,418	339	241	140	107	104	37
Wyoming	2,028	1,839	14	107	11	21	14	22

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table 12 --Bachelor's degrees conferred by Title IV participating, degree-granting institutions, by race/ethnicity and state: 50 states and District of Columbia, 1997-98

State	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian /Alaskan Native	Race/ethnicity unknown	Nonresident alien
50 states and DC	1,184,406	877,228	95,565	64,174	69,670	7,691	30,853	39,225
Alabama	20,335	15,193	4,070	162	239	105	91	475
Alaska	1,479	1,187	39	40	38	95	29	51
Arizona	18,381	13,726	416	1,861	656	360	712	650
Arkansas	9,222	7,619	969	62	126	74	18	354
California	112,145	53,519	5,509	15,973	22,889	1,074	8,418	4,763
Colorado *	21,314	16,982	589	1,430	754	271	635	653
Connecticut *	13,750	10,832	700	531	634	41	563	449
Delaware	4,418	3,616	512	73	82	9	57	69
District of Columbia	7,369	3,607	2,018	284	491	21	229	719
Florida	48,463	32,597	5,516	6,086	1,694	193	379	1,998
Georgia	29,408	20,960	6,134	423	922	52	213	704
Hawaii	4,653	1,265	92	77	2,637	14	22	546
Idaho	4,602	4,079	32	124	67	59	140	101
Illinois	52,196	39,009	4,747	2,635	3,469	172	913	1,251
Indiana	30,833	26,945	1,321	634	651	98	380	804
Iowa	17,543	15,593	420	265	372	44	209	640
Kansas	14,026	12,164	461	326	319	114	119	523
Kentucky	14,977	13,471	794	87	196	25	62	342
Louisiana	18,553	12,645	4,462	416	392	82	186	370
Maine	5,442	4,763	31	36	100	44	230	238
Maryland *	21,720	14,816	3,904	534	1,483	73	225	685
Massachusetts	40,727	29,466	1,652	1,479	2,905	143	2,685	2,397
Michigan	44,186	35,685	3,328	855	1,460	237	943	1,678
Minnesota	23,044	20,077	353	245	870	114	646	739
Mississippi	10,290	7,195	2,711	73	91	36	6	178
Missouri	28,888	23,857	1,837	565	772	128	778	951
Montana	4,932	4,079	37	44	52	120	478	122
Nebraska	10,071	8,864	232	164	163	45	283	320
Nevada	3,937	2,808	158	199	220	31	223	298
New Hampshire	7,600	6,316	136	115	153	29	661	190
New Jersey	25,056	17,062	2,286	1,940	2,005	65	978	720
New Mexico	6,582	3,989	133	1,967	121	217	52	103
New York *	93,577	62,588	9,533	6,876	7,054	274	3,994	3,258
North Carolina	34,129	25,980	6,011	437	870	264	44	523
North Dakota	4,588	4,205	15	34	35	92	0	207
Ohio	49,080	41,789	3,186	677	1,157	131	793	1,347
Oklahoma	15,887	11,763	868	349	373	1,136	6	1,392
Oregon	13,652	10,627	168	381	820	157	712	787
Pennsylvania	63,484	55,126	3,258	1,091	2,548	114	0	1,347
Rhode Island	8,169	6,535	275	266	383	23	287	400
South Carolina	15,174	11,559	2,886	128	213	25	115	248
South Dakota	4,273	4,013	25	17	23	108	10	77
Tennessee	21,538	17,805	2,517	209	362	42	139	464
Texas	71,771	48,552	5,287	11,562	3,636	372	392	1,970
Utah	16,670	14,865	68	339	301	80	438	579
Vermont	4,455	3,779	37	70	65	19	373	112
Virginia	31,000	23,575	4,355	650	1,799	116	10	495
Washington	23,442	17,069	566	758	2,...1	378	1,573	897
West Virginia	8,290	7,580	265	65	128	30	4	218
Wisconsin	27,379	24,352	632	480	662	132	315	806
Wyoming	1,706	1,480	14	80	17	13	85	17

* Includes data for U.S. Service Schools located in state.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table 13.--Master's degrees conferred by Title IV participating, degree-granting institutions, by race/ethnicity and state: 50 states and District of Columbia, 1997-98

State	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian /Alaskan Native	Race/ethnicity unknown	Nonresident alien
50 states and DC	430,164	292,093	28,599	15,393	19,967	1,951	19,782	52,379
Alabama	6,318	4,662	1,001	80	115	25	51	384
Alaska	484	401	17	7	15	9	5	30
Arizona	7,753	5,440	217	556	213	106	144	1,077
Arkansas	2,181	1,758	161	17	21	13	4	207
California	40,606	21,627	1,853	2,998	5,248	234	3,112	5,534
Colorado	8,160	6,196	163	316	256	49	351	829
Connecticut	7,167	5,280	284	172	247	10	262	912
Delaware	1,439	1,007	138	19	19	3	129	124
District of Columbia	7,006	3,633	878	191	498	19	393	1,394
Florida	16,677	11,326	1,509	1,657	464	51	164	1,506
Georgia	10,671	7,504	1,552	166	286	15	114	1,034
Hawaii	1,529	510	26	24	753	7	3	206
Idaho	1,026	825	3	18	9	10	54	107
Illinois	25,111	17,424	2,060	640	1,259	58	537	3,133
Indiana	7,873	5,889	374	152	183	17	149	1,109
Iowa	3,589	2,418	89	45	50	15	271	701
Kansas	4,596	3,398	147	96	107	30	257	561
Kentucky	4,773	4,077	196	29	59	9	18	385
Louisiana	5,674	3,492	872	120	210	23	113	844
Maine	1,108	940	8	4	3	2	88	63
Maryland	10,130	7,025	1,218	177	483	17	148	1,062
Massachusetts	23,651	14,088	926	520	981	80	3,141	3,915
Michigan	17,898	12,201	1,706	324	1,071	61	525	2,010
Minnesota	7,226	5,772	144	47	178	27	531	527
Mississippi	3,405	2,350	753	28	28	5	4	237
Missouri	11,661	8,614	1,091	275	344	47	276	1,014
Montana	822	656	1	2	2	14	92	55
Nebraska	2,905	2,418	71	48	43	54	51	220
Nevada	1,301	964	60	44	52	8	61	112
New Hampshire	2,370	1,587	18	30	44	5	474	212
New Jersey	8,889	5,407	471	299	497	19	895	1,301
New Mexico	2,564	1,759	44	425	50	54	29	203
New York	46,211	27,570	3,216	2,037	2,251	113	4,707	6,317
North Carolina	8,125	6,299	822	108	215	46	30	605
North Dakota	766	621	7	4	14	17	0	103
Ohio	17,013	12,463	875	213	377	43	591	2,451
Oklahoma	5,310	3,320	306	89	114	185	12	1,284
Oregon	4,222	3,087	37	88	155	33	255	567
Pennsylvania	20,756	16,037	1,173	304	776	41	0	2,425
Rhode Island	1,929	1,334	45	37	51	5	154	303
South Carolina	4,615	3,496	570	38	46	6	69	390
South Dakota	937	772	6	5	10	18	2	124
Tennessee	7,072	5,715	582	44	115	21	72	523
Texas	23,632	15,330	1,415	2,286	977	108	222	3,294
Utah	3,473	2,800	14	51	57	26	205	320
Vermont	1,510	1,067	32	16	18	13	268	96
Virginia	10,935	8,396	1,044	219	436	36	10	794
Washington	7,417	5,131	164	184	379	111	637	811
West Virginia	2,562	2,281	70	15	33	2	0	161
Wisconsin	6,729	5,408	170	121	154	26	88	762
Wyoming	387	318	0	8	1	5	14	41

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table 14.--Doctor's degrees conferred by Title IV participating, degree-granting institutions, by race/ethnicity and state: 50 states and District of Columbia, 1997-98

State	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian /Alaskan Native	Race/ethnicity unknown	Nonresident alien
50 states and DC	46,010	27,463	1,984	1,214	2,228	180	1,601	11,340
Alabama	569	364	39	5	20	3	0	138
Alaska	68	52	0	0	2	0	0	14
Arizona	788	500	18	53	23	4	10	180
Arkansas	162	111	8	1	4	3	0	35
California	5,388	3,168	165	243	472	25	238	1,077
Colorado	851	612	14	22	26	4	27	146
Connecticut	686	383	13	15	32	2	38	203
Delaware	172	104	12	1	5	0	1	49
District of Columbia	562	287	102	9	21	5	15	123
Florida	1,881	1,199	149	109	55	7	2	360
Georgia	1,084	705	91	21	36	6	0	225
Hawaii	168	82	0	2	83	1	0	0
Idaho	91	71	0	2	2	0	1	15
Illinois	2,690	1,664	109	72	176	5	28	636
Indiana	1,115	696	18	20	41	2	13	325
Iowa	648	339	20	5	28	0	12	244
Kansas	487	256	10	8	5	0	69	139
Kentucky	410	297	10	5	13	0	0	85
Louisiana	567	361	26	10	30	1	5	134
Maine	49	33	0	0	0	0	0	16
Maryland	995	582	42	10	55	1	9	296
Massachusetts	2,554	1,180	71	58	93	10	386	756
Michigan	1,565	865	84	37	97	9	40	433
Minnesota	943	603	20	10	20	21	57	212
Mississippi	351	215	51	2	9	3	0	71
Missouri	860	577	36	12	26	2	1	206
Montana	98	70	0	2	1	3	8	14
Nebraska	429	311	7	7	10	2	6	86
Nevada	91	60	1	2	2	1	3	22
New Hampshire	147	110	1	0	1	0	3	32
New Jersey	959	511	29	22	65	2	49	281
New Mexico	307	181	6	26	2	2	2	88
New York	4,013	2,113	119	102	196	6	335	1,142
North Carolina	1,083	731	61	22	53	3	0	213
North Dakota	71	40	1	0	2	3	0	25
Ohio	2,223	1,236	174	32	83	9	70	619
Oklahoma	410	257	24	6	17	7	0	99
Oregon	458	255	7	16	8	5	35	132
Pennsylvania	2,413	1,506	109	43	107	6	0	642
Rhode Island	248	142	5	5	10	1	12	73
South Carolina	404	259	34	2	9	0	5	95
South Dakota	71	55	0	1	0	1	0	14
Tennessee	687	475	54	9	16	1	4	128
Texas	2,815	1,665	72	133	155	8	13	769
Utah	357	190	6	2	2	2	55	100
Vermont	62	44	2	1	3	1	3	8
Virginia	1,083	720	134	7	43	0	0	179
Washington	707	448	17	21	37	0	42	142
West Virginia	158	110	0	1	7	0	0	40
Wisconsin	948	625	13	20	24	3	0	263
Wyoming	64	43	0	0	1	0	4	16

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998

Table 15.--First-professional degrees conferred by Title IV participating, degree-granting institutions, by race/ethnicity and state: 50 states and District of Columbia, 1997-98

State	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian /Alaskan Native	Race/ethnicity unknown	Nonresident alien
50 states and DC	78,598	57,837	5,352	3,456	7,549	546	2,072	1,786
Alabama	1,095	920	109	10	34	7	12	3
Alaska	0	0	0	0	0	0	0	0
Arizona	438	327	12	47	32	10	10	0
Arkansas	460	414	29	5	6	6	0	0
California	8,611	4,837	368	666	1,841	67	615	217
Colorado	834	681	19	62	42	15	10	5
Connecticut	884	694	72	28	75	2	9	4
Delaware	344	318	17	2	4	2	1	0
District of Columbia	2,676	1,599	548	132	218	14	87	78
Florida	2,762	1,957	279	280	162	16	17	51
Georgia	2,489	2,016	256	61	114	11	9	22
Hawaii	130	37	1	0	92	0	0	0
Idaho	156	128	1	5	8	2	10	2
Illinois	4,508	3,191	246	173	614	9	113	162
Indiana	1,499	1,232	80	48	63	9	28	39
Iowa	1,566	1,383	27	39	67	12	3	35
Kansas	584	491	18	19	26	2	26	2
Kentucky	1,180	1,053	49	4	56	4	0	14
Louisiana	1,723	1,195	280	51	96	10	57	34
Maine	183	166	1	1	11	1	2	1
Maryland	1,115	786	154	21	122	3	15	14
Massachusetts	3,948	2,792	208	164	393	23	240	128
Michigan	2,542	1,892	195	84	184	17	66	104
Minnesota	1,666	1,396	55	30	75	26	12	72
Mississippi	494	433	39	3	15	2	1	1
Missouri	2,394	1,919	90	34	207	12	76	56
Montana	68	60	1	2	0	1	4	0
Nebraska	764	651	13	16	67	3	3	11
Nevada	48	38	1	4	3	1	1	0
New Hampshire	189	161	4	7	13	3	1	0
New Jersey	1,785	1,271	145	101	200	4	37	27
New Mexico	185	114	3	44	8	14	2	0
New York	7,491	5,175	453	380	928	16	355	184
North Carolina	1,902	1,536	188	23	77	13	3	62
North Dakota	178	169	0	0	1	7	0	1
Ohio	3,301	2,662	233	72	239	7	40	48
Oklahoma	1,026	832	40	25	35	60	17	17
Oregon	1,067	774	19	42	95	10	40	87
Pennsylvania	3,930	3,055	238	127	407	11	0	92
Rhode Island	231	180	15	2	25	1	4	4
South Carolina	737	627	52	10	32	2	2	12
South Dakota	189	181	1	1	1	1	3	1
Tennessee	1,453	1,124	222	19	58	5	6	19
Texas	4,821	3,385	322	480	465	44	27	98
Utah	379	293	1	7	16	4	46	12
Vermont	236	210	5	4	15	1	0	1
Virginia	1,953	1,600	159	20	128	9	0	37
Washington	967	728	25	38	92	28	54	2
West Virginia	382	348	6	4	18	3	0	3
Wisconsin	975	750	53	58	69	16	5	24
Wyoming	60	56	0	1	0	0	3	0

* First-professional degrees are awarded after completion of the academic requirements to begin practice in the following professions: Chiropractic (D.C. or D.C.M.); Dentistry (D.D.S. or D.M.D.); Law (L.L.B., J.D.); Medicine (M.D.); Optometry (O.D.); Osteopathic Medicine (D.O.); Pharmacy (Pharm.D.); Podiatry (D.P.M., D.P., or Pod.D.); Theology (M.Div., M.H.L., B.D., or Ordination); or Veterinary Medicine (D.V.M.).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table 16.--Degrees conferred by Title IV participating, degree-granting institutions, by control of institution, level of degree, and field of study: 50 states and District of Columbia, 1997-98

Field of study	Total				Public			
	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees
Total, all fields	558,555	1,184,406	430,164	46,010	455,084	784,296	235,922	29,715
Agricultural business & production	4,247	5,192	627	224	4,089	4,933	597	220
Agricultural sciences	959	8,219	1,475	700	868	7,916	1,466	700
Architecture and related programs	265	7,652	4,347	131	170	5,727	2,989	90
Area, ethnic and cultural studies	104	6,153	1,617	181	86	3,438	878	98
Biological sciences/life sciences	2,113	65,868	6,261	4,961	2,033	43,130	4,438	3,412
Business management & admin. services	91,399	228,476	101,609	1,288	65,694	133,831	39,807	843
Communications	2,368	49,385	5,611	354	1,499	34,276	2,858	291
Communications technologies	1,602	729	564	5	1,299	439	102	0
Computer & information sciences	13,870	26,852	11,246	858	8,233	16,408	6,412	521
Conservation & renew. natural resources	1,467	9,873	2,373	378	1,352	8,488	1,794	355
Construction trades	2,172	182	16	0	1,801	67	4	0
Education	9,278	105,968	114,691	6,729	8,002	78,448	70,570	5,065
Engineering	2,149	59,910	25,936	5,980	1,692	45,140	17,442	4,230
Engineering-related technologies	32,748	13,727	1,136	14	18,576	10,090	916	11
English language & literature/letters	1,609	49,708	7,795	1,639	1,527	33,688	5,816	1,166
Foreign languages & literatures	543	14,451	2,927	959	495	9,368	2,230	563
Health professions & related sciences	92,031	84,379	39,260	2,484	76,803	55,064	21,811	1,550
Home economics	1,036	16,866	2,888	424	877	14,727	1,592	265
Law & legal studies	7,797	2,017	3,228	66	4,989	1,144	635	9
Liberal/general studies & humanities	186,248	33,202	2,801	87	176,627	21,706	1,107	44
Library science	96	73	4,871	48	91	70	3,909	47
Marketing opers./market. & distribution	5,516	4,381	562	2	4,001	2,455	73	0
Mathematics	844	12,328	3,643	1,259	817	8,045	2,766	896
Mechanics & repairers	10,616	91	0	0	8,114	16	0	0
Military technologies	22	3	0	0	22	3	0	0
Multi/interdisciplinary studies	9,401	26,163	2,677	508	9,284	20,081	1,678	232
Parks, recreation, leisure & fitness	895	16,781	2,024	129	757	12,778	1,688	122
Personal & miscellaneous services	7,744	262	0	0	2,189	108	0	0
Philosophy & religion	94	8,207	1,307	585	47	3,351	452	228
Physical sciences	1,584	19,276	5,332	4,569	1,561	12,589	3,927	3,215
Precision production trades	11,085	407	15	0	6,928	340	5	0
Protective services	19,002	25,076	2,000	39	17,963	19,513	1,192	39
Psychology	1,765	73,972	13,747	4,073	1,609	49,330	5,764	1,957
Public administration & services	4,156	20,408	25,144	499	3,806	14,427	15,629	290
Science technologies	702	140	29	2	634	69	15	2
Social sciences & history	4,196	125,040	14,938	4,127	3,859	81,894	9,415	2,505
Theological studies/religious vocations	570	5,903	4,692	1,460	1	0	0	0
Transportation & material moving workers	1,009	3,206	736	0	659	1,478	97	0
Visual & performing arts	14,980	52,077	11,145	1,163	6,772	29,596	5,827	749
Vocational home economics	7,256	430	26	0	7,007	125	21	0
Undesignated fields *	3,017	1,373	868	85	2,251	0	0	0

Table 16.--Degrees conferred by Title IV participating, degree-granting institutions, by control of institution, level of degree, and field of study: 50 states and District of Columbia, 1997-98 -- continued

Field of study	Private, not-for-profit				Private, for-profit			
	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees
Total, all fields	47,625	386,455	188,175	15,944	55,846	13,655	6,067	351
Agricultural business & production	158	259	30	4	0	0	0	0
Agricultural sciences	91	303	9	0	0	0	0	0
Architecture and related programs	35	1,892	1,358	41	60	33	0	0
Area, ethnic and cultural studies	18	2,715	739	83	0	0	0	0
Biological sciences/life sciences	76	22,738	1,823	1,549	4	0	0	0
Business management & admin. services	11,711	87,366	57,797	400	13,994	7,279	4,005	45
Communications	350	14,967	2,741	63	519	142	12	0
Communications technologies	97	290	462	5	206	0	0	0
Computer & information sciences	1,550	8,646	4,532	333	4,087	1,798	302	4
Conservation & renew. natural resources	115	1,385	579	23	0	0	0	0
Construction trades	92	115	12	0	279	0	0	0
Education	1,241	27,497	43,378	1,642	35	23	743	22
Engineering	142	14,499	8,480	1,750	315	271	14	0
Engineering-related technologies	2,893	1,828	220	3	11,279	1,809	0	0
English language & literature/letters	82	16,020	1,979	473	0	0	0	0
Foreign languages & literatures	48	5,083	697	396	0	0	0	0
Health professions & related sciences	9,193	28,799	16,957	879	6,035	516	492	55
Home economics	141	2,139	1,296	159	18	0	0	0
Law & legal studies	790	841	2,593	57	2,018	32	0	0
Liberal/general studies & humanities	9,509	11,492	1,692	40	112	4	2	3
Library science	5	3	962	1	0	0	0	0
Marketing opers./market. & distribution	426	1,793	489	2	1,089	133	0	0
Mathematics	27	4,283	877	363	0	0	0	0
Mechanics & repairers	608	70	0	0	1,894	5	0	0
Military technologies	0	0	0	0	0	0	0	0
Multi/interdisciplinary studies	87	6,077	999	276	30	5	0	0
Parks, recreation, leisure & fitness	128	4,003	336	7	10	0	0	0
Personal & miscellaneous services	3,641	154	0	0	1,914	0	0	0
Philosophy & religion	47	4,856	855	357	0	0	0	0
Physical sciences	23	6,687	1,405	1,354	0	0	0	0
Precision production trades	346	63	10	0	3,811	4	0	0
Protective services	724	5,448	808	0	315	115	0	0
Psychology	146	24,637	7,771	1,901	10	5	212	215
Public administration & services	317	5,981	9,513	209	33	0	2	0
Science technologies	54	71	14	0	14	0	0	0
Social sciences & history	337	43,136	5,523	1,615	0	10	0	7
Theological studies/religious vocations	569	5,903	4,692	1,460	0	0	0	0
Transportation & material moving workers	194	1,728	639	0	156	0	0	0
Visual & performing arts	1,143	21,010	5,038	414	7,065	1,471	280	0
Vocational home economics	121	305	5	0	128	0	0	0
Undesignated fields *	350	1,373	865	85	416	0	3	0

* Includes degrees reported for fields with no CIP code, schools reporting only total degrees by award level and gender, and nonrespondents for which field of study could not be imputed.

NOTE: Data represent programs, not organizational units within institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table 17.--Number of Title IV participating, degree-granting institutions, by control of institution, level of degree, and field of study: 50 states and District of Columbia, 1997-98

Field of study	Total				Public			
	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees
Total, all fields	2,465	1,910	1,416	517	1,283	565	495	231
Agricultural business & production	331	124	62	34	319	96	58	33
Agricultural sciences	104	126	78	52	99	113	75	52
Architecture and related programs	31	163	115	25	26	104	86	19
Area, ethnic and cultural studies	38	388	113	38	33	173	67	19
Biological sciences/life sciences	198	1,254	427	225	181	475	307	151
Business management & admin. services	1,756	1,420	796	127	1,141	501	362	83
Communications	235	912	239	51	193	375	164	41
Communications technologies	166	35	13	2	152	18	3	0
Computer & information sciences	802	1,079	354	129	550	442	217	87
Conservation & renew. natural resources	137	338	120	51	123	167	95	47
Construction trades	202	14	2	0	187	6	1	0
Education	408	1,128	900	229	320	423	426	160
Engineering	269	411	264	177	243	221	174	128
Engineering-related technologies	1,034	306	65	4	825	211	52	3
English language & literature/letters	142	1,256	428	143	128	482	299	96
Foreign languages & literatures	82	840	201	86	79	377	146	55
Health professions & related sciences	1,406	966	619	163	1,007	430	319	113
Home economics	92	311	182	44	76	205	118	34
Law & legal studies	508	148	75	14	331	47	29	2
Liberal/general studies & humanities	1,323	742	154	18	1,030	305	76	7
Library science	29	13	68	17	27	12	56	16
Marketing opers./market. & distribution	445	162	19	1	347	61	4	0
Mathematics	139	1,121	340	158	130	469	255	112
Mechanics & repairers	583	7	0	0	534	3	0	0
Military technologies	1	2	0	0	1	2	0	0
Multi/interdisciplinary studies	197	627	210	59	175	269	137	39
Parks, recreation, leisure & fitness	134	556	134	27	120	250	113	25
Personal & miscellaneous services	266	11	0	0	218	5	0	0
Philosophy & religion	39	837	193	95	24	286	86	50
Physical sciences	148	1,060	335	203	140	463	241	138
Precision production trades	681	32	3	0	568	22	1	0
Protective services	832	482	117	8	748	254	85	8
Psychology	161	1,252	552	248	139	465	306	133
Public administration & services	270	641	355	81	236	297	241	50
Science technologies	116	24	3	1	106	8	2	1
Social sciences & history	225	1,295	419	175	191	491	296	118
Theological studies/religious vocations	82	341	244	113	1	0	0	0
Transportation & material moving workers	115	70	7	0	99	37	4	0
Visual & performing arts	597	1,243	374	101	419	452	236	65
Vocational home economics	547	32	6	0	522	13	4	0
Undesignated fields *	22	7	10	5	4	0	0	0

Table 17 --Number of Title IV participating, degree-granting institutions, by control of institution, level of degree, and field of study: 50 states and District of Columbia, 1997-98 -- continued

Field of study	Private, not-for-profit				Private, for-profit			
	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees
Total, all fields	645	1,221	860	276	537	124	61	10
Agricultural business & production	12	28	4	1	0	0	0	0
Agricultural sciences	5	13	3	0	0	0	0	0
Architecture and related programs	4	56	29	6	1	3	0	0
Area, ethnic and cultural studies	5	215	46	19	0	0	0	0
Biological sciences/life sciences	16	779	120	74	1	0	0	0
Business management & admin. services	335	847	392	39	280	72	42	5
Communications	31	535	74	10	11	2	1	0
Communications technologies	9	17	10	2	5	0	0	0
Computer & information sciences	96	598	121	41	156	39	16	1
Conservation & renew. natural resources	14	171	25	4	0	0	0	0
Construction trades	9	8	1	0	6	0	0	0
Education	87	703	466	68	1	2	8	1
Engineering	20	184	88	49	6	6	2	0
Engineering-related technologies	69	59	13	1	140	36	0	0
English language & literature/letters	14	774	129	47	0	0	0	0
Foreign languages & literatures	3	463	55	31	0	0	0	0
Health professions & related sciences	216	520	280	48	183	16	20	2
Home economics	14	106	64	10	2	0	0	0
Law & legal studies	74	97	46	12	103	4	0	0
Liberal/general studies & humanities	271	436	77	10	22	1	1	1
Library science	2	1	12	1	0	0	0	0
Marketing opers./market. & distribution	36	93	15	1	62	8	0	0
Mathematics	9	652	85	46	0	0	0	0
Mechanics & repairers	15	3	0	0	34	1	0	0
Military technologies	0	0	0	0	0	0	0	0
Multi/interdisciplinary studies	21	357	73	20	1	1	0	0
Parks, recreation, leisure & fitness	12	306	21	2	2	0	0	0
Personal & miscellaneous services	28	6	0	0	20	0	0	0
Philosophy & religion	15	551	107	45	0	0	0	0
Physical sciences	8	597	94	65	0	0	0	0
Precision production trades	21	9	2	0	92	1	0	0
Protective services	66	223	32	0	18	5	0	0
Psychology	21	786	238	109	1	1	8	6
Public administration & services	33	344	113	31	1	0	1	0
Science technologies	9	16	1	0	1	0	0	0
Social sciences & history	34	798	123	56	0	6	0	1
Theological studies/religious vocations	81	341	244	113	0	0	0	0
Transportation & material moving workers	10	33	3	0	6	0	0	0
Visual & performing arts	88	761	135	36	90	30	3	0
Vocational home economics	18	19	2	0	7	0	0	0
Undesignated fields *	7	7	9	5	11	0	1	0

* Includes degrees reported for fields with no CIP code, schools reporting only total degrees by award level and gender, and nonrespondents for which field of study could not be imputed.

NOTE: Data represent programs, not organizational units within institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

Table 18.--Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, and by discipline division and program specialty: 50 states and District of Columbia, 1997-98

CIP code	Discipline division and program specialty	Total *	Associate's	Bachelor's	Master's	Doctor's
	Total all fields	**2,219,135**	**558,555**	**1,184,406**	**430,164**	**46,010**
01.0000	**Agricultural Business and Production**	**10,290**	**4,247**	**5,192**	**627**	**224**
01.0101	Agricultural Business and Management, General	1,423	505	864	54	0
01.0102	Agricultural Business/Agribusiness Operations	1,474	230	1,221	23	0
01.0103	Agricultural Economics	1,712	12	1,120	402	178
01.0104	Farm and Ranch Management	242	145	92	5	0
01.0199	Agricultural Business and Management, Other	182	60	121	1	0
01.0201	Agricultural Mechanization, General	376	132	242	2	0
01.0204	Agricultural Power Machinery Operator	112	112	0	0	0
01.0299	Agricultural Mechanization, Other	33	4	29	0	0
01.0301	Agricultural Production Workers and Managers, General	417	366	48	3	0
01.0302	Agricultural Animal Husbandry and Production Management	300	266	32	2	0
01.0303	Aquaculture Operations and Production Management	109	25	44	34	6
01.0304	Crop Production Operations and Management	82	70	1	8	3
01.0399	Agricultural Production Workers and Managers, Other	6	3	0	3	0
01.0401	Agriculture and Food Products Processing Operations and Management	189	45	121	10	13
01.0501	Agricultural Supplies Retailing and Wholesaling	233	150	83	0	0
01.0505	Animal Trainer	34	34	0	0	0
01.0507	Equestrian/Equine Studies, Horse Management and Training	314	184	129	1	0
01.0599	Agricultural Supplies and Related Services, Other	45	45	0	0	0
01.0601	Horticulture Services Operations and Management, General	733	572	134	16	11
01.0603	Ornamental Horticulture Operations and Management	680	388	273	17	2
01.0604	Greenhouse Operations and Management	47	47	0	0	0
01.0605	Landscaping Operations and Management	495	341	153	1	0
01.0606	Nursery Operations and Management	86	86	0	0	0
01.0607	Turf Management	383	333	50	0	0
01.0699	Horticulture Services Operations and Management, Other	68	46	16	0	6
01.0701	International Agriculture	22	0	11	11	0
01.9999	Agricultural Business and Production, Other	493	46	408	34	5
02.0000	**Agricultural Sciences**	**11,353**	**959**	**8,219**	**1,475**	**700**
02.0101	Agriculture/Agricultural Sciences, General	1,711	412	1,145	150	4
02.0102	Agricultural Extension	17	0	13	4	0
02.0201	Animal Sciences, General	4,023	183	3,394	316	130
02.0202	Agricultural Animal Breeding and Genetics	44	5	22	6	11
02.0203	Agricultural Animal Health	47	36	5	6	0
02.0204	Agricultural Animal Nutrition	9	0	0	5	4
02.0205	Agricultural Animal Physiology	4	0	0	2	2
02.0206	Dairy Science	137	16	99	17	5
02.0209	Poultry Science	189	26	133	20	10
02.0299	Animal Sciences, Other	363	97	234	20	12
02.0301	Food Sciences and Technology	1,134	22	673	279	160
02.0401	Plant Sciences, General	486	5	387	48	46
02.0402	Agronomy and Crop Science	1,055	11	660	230	154
02.0403	Horticulture Science	989	85	733	123	48
02.0405	Plant Breeding and Genetics	15	0	0	9	6
02.0406	Agricultural Plant Pathology	24	0	8	7	9
02.0407	Agricultural Plant Physiology	3	0	0	2	1
02.0408	Plant Protection (Pest Management)	60	5	33	22	0
02.0409	Range Science and Management	186	3	132	37	14
02.0499	Plant Sciences, Other	165	0	130	24	11
02.0501	Soil Sciences	276	6	125	83	62
02.9999	Agriculture/Agricultural Sciences, Other	416	47	293	65	11
03.0000	**Conservation and Renewable Natural Resources**	**14,091**	**1,467**	**9,873**	**2,373**	**378**
03.0101	Natural Resources Conservation, General	2,310	189	1,667	393	61
03.0102	Environmental Science/Studies	5,064	117	4,020	856	71

Table 18.--Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, and by discipline division and program specialty: 50 states and District of Columbia, 1997-98 -- continued

CIP code	Discipline division and program specialty	Total *	Associate's	Bachelor's	Master's	Doctor's
03.0201	Natural Resources Management and Policy	822	111	481	230	0
03.0203	Natural Resources Law Enforcement and Protective Services	59	59	0	0	0
03.0299	Natural Resources Management and Protective Services, Other	214	128	78	5	3
03.0301	Fishing and Fisheries Sciences and Management	427	100	213	90	24
03.0401	Forest Harvesting and Production Technology/Technician	505	282	190	19	14
03.0404	Forest Products Technology/Technician	57	41	16	0	0
03.0499	Forest Production and Processing, Other	92	54	38	0	0
03.0501	Forestry, General	1,420	141	789	385	105
03.0502	Forestry Sciences	286	4	169	82	31
03.0506	Forest Management	243	35	186	17	5
03.0509	Wood Science and Pulp / Paper Technology	183	21	137	20	5
03.0599	Forestry and Related Sciences, Other	234	14	173	36	11
03.0601	Wildlife and Wildlands Management	1,568	157	1,202	175	34
03.9999	Conservation and Renewable Natural Resources, Other	607	14	514	65	14
04.0000	**Architecture and Related Programs**	**12,395**	**265**	**7,652**	**4,347**	**131**
04.0201	Architecture	7,046	48	4,617	2,342	39
04.0301	City / Urban, Community & Regional Planning	1,891	0	449	1,368	74
04.0401	Architectural Environmental Design	671	0	641	29	1
04.0501	Interior Architecture	641	202	422	13	4
04.0601	Landscape Architecture	1,238	13	871	354	0
04.0701	Architectural Urban Design and Planning	66	0	0	65	1
04.9999	Architecture and Related Programs, Other	842	2	652	176	12
05.0000	**Area, Ethnic and Cultural Studies**	**8,055**	**104**	**6,153**	**1,617**	**181**
05.0101	African Studies	46	0	32	12	2
05.0102	American Studies/Civilization	1,806	10	1,501	217	78
05.0103	Asian Studies	561	0	451	110	0
05.0104	East Asian Studies	551	0	392	140	19
05.0105	Eastern European Area Studies	15	0	6	9	0
05.0106	European Studies	119	0	93	26	0
05.0107	Latin American Studies	732	0	458	270	4
05.0108	Middle Eastern Studies	183	0	86	71	26
05.0109	Pacific Area Studies	13	0	6	7	0
05.0110	Russian and Slavic Area Studies	214	0	126	87	1
05.0111	Scandinavian Area Studies	27	0	22	4	1
05.0112	South Asian Studies	28	0	14	14	0
05.0113	Southeast Asian Studies	29	0	10	17	2
05.0114	Western European Studies	69	0	16	51	2
05.0115	Canadian Studies	5	0	5	0	0
05.0199	Area Studies, Other	618	0	500	113	5
05.0201	Afro-American (Black) Studies	697	0	615	68	14
05.0202	American Indian / Native American Studies	137	45	73	19	0
05.0203	Hispanic-American Studies	264	0	243	21	0
05.0204	Islamic Studies	3	0	1	2	0
05.0205	Jewish / Judaic Studies	275	7	176	87	5
05.0206	Asian-American Studies	57	0	50	7	0
05.0207	Women's Studies	734	6	658	67	3
05.0299	Ethnic and Cultural Studies, Other	394	35	296	50	13
05.9999	Area, Ethnic and Cultural Studies, Other	478	1	323	148	6
08.0000	**Marketing Operations / Marketing and Distribution**	**10,461**	**5,516**	**4,381**	**562**	**2**
08.0101	Apparel and Accessories Marketing Operations, General	128	50	76	2	0
08.0102	Fashion Merchandising	2,595	1,695	898	2	0
08.0199	Apparel and Accessories Marketing Operations, Other	47	24	23	0	0
08.0204	Business Services Marketing Operations	25	21	4	0	0
08.0205	Personal Services Marketing Operations	24	24	0	0	0
08.0299	Business and Personal Services Marketing Operations, Other	341	72	269	0	0

Table 18.--Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, and by discipline division and program specialty: 50 states and District of Columbia, 1997-98 -- continued

CIP code	Discipline division and program specialty	Total *	Associate's	Bachelor's	Master's	Doctor's
08.0301	Entrepreneurship	315	54	142	119	0
08.0401	Financial Services Marketing Operations	105	21	84	0	0
08.0503	Floristry Marketing Operations	8	8	0	0	0
08.0601	Food Products Retailing and Wholesaling Operations	152	19	120	13	0
08.0704	General Buying Operations	113	94	19	0	0
08.0705	General Retailing Operations	711	588	123	0	0
08.0706	General Selling Skills and Sales Operations	752	287	460	5	0
08.0708	General Marketing Operations	2,265	556	1,436	271	2
08.0709	General Distribution Operations	91	91	0	0	0
08.0799	General Retailing and Wholesaling Operations and Skills, Other	550	388	162	0	0
08.0809	Home Products Marketing Operations	33	0	33	0	0
08.0899	Home and Office Products Marketing Operations, Other	1	1	0	0	0
08.0901	Hospitality and Recreation Marketing Operations, General	143	124	19	0	0
08.0902	Hotel / Motel Services Marketing Operation	13	13	0	0	0
08.0903	Recreation Products / Services Marketing Operations	97	25	72	0	0
08.0906	Food Sales Operations	15	0	15	0	0
08.0999	Hospitality and Recreation Marketing Operations, Other	1	1	0	0	0
08.1001	Insurance Marketing Operations	18	18	0	0	0
08.1104	Tourism Promotion Operations	453	274	159	20	0
08.1105	Travel Services Marketing Operations	432	427	5	0	0
08.1199	Tourism and Travel Services Marketing Operations, Other	289	256	32	1	0
08.1203	Vehicle Parts and Accessories Marketing Operations	65	65	0	0	0
08.1208	Vehicle Marketing Operations	133	57	76	0	0
08.1301	Health Products and Services Marketing Operations	1	1	0	0	0
08.9999	Marketing Operations / Marketing and Distribution, Other	545	262	154	129	0
09.0000	**Communications**	**57,718**	**2,368**	**49,385**	**5,611**	**354**
09.0101	Communications, General	27,021	768	24,000	2,012	241
09.0201	Advertising	3,469	477	2,760	230	2
09.0401	Journalism	10,938	261	9,175	1,475	27
09.0402	Broadcast Journalism	721	116	581	24	0
09.0403	Mass Communications	2,786	37	2,476	237	36
09.0499	Journalism and Mass Communication, Other	528	0	490	36	2
09.0501	Public Relations and Organizational Communications	2,674	12	2,405	257	0
09.0701	Radio and Television Broadcasting	5,904	335	5,203	351	15
09.9999	Communications, Other	3,677	362	2,295	989	31
10.0000	**Communications Technologies**	**2,900**	**1,602**	**729**	**564**	**5**
10.0101	Educational / Instructional Media Technology/Technician	261	183	0	78	0
10.0103	Photographic Technology/Technician	164	160	4	0	0
10.0104	Radio and Television Broadcasting Technology/Technician	1,973	954	619	395	5
10.0199	Communications Technologies/Technicians, Other	502	305	106	91	0
11.0000	**Computer and Information Sciences**	**52,826**	**13,870**	**26,852**	**11,246**	**858**
11.0101	Computer and Information Sciences, General	29,063	3,684	16,992	7,746	641
11.0201	Computer Programming	3,499	3,189	238	68	4
11.0301	Data Processing Technology/Technician	1,955	1,815	140	0	0
11.0401	Information Sciences and Systems	8,062	1,351	4,882	1,783	46
11.0501	Computer Systems Analysis	351	166	148	36	1
11.0701	Computer Science	5,251	472	3,631	1,033	115
11.9999	Computer and Information Sciences, Other	4,645	3,193	821	580	51
12.0000	**Personal and Miscellaneous Services**	**8,006**	**7,744**	**262**	**0**	**0**
12.0299	Gaming & Sports Officiating Serv., Oth	3	3	0	0	0
12.0301	Funeral Services and Mortuary Science	1,380	1,235	145	0	0
12.0401	Cosmetic Services, General	7	7	0	0	0
12.0403	Cosmetologist	246	246	0	0	0

Table 18.--Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, and by discipline division and program specialty: 50 states and District of Columbia, 1997-98 -- continued

CIP code	Discipline division and program specialty	Total *	Associate's	Bachelor's	Master's	Doctor's
12.0405	Massage	96	96	0	0	0
12.0501	Baker / Pastry Chef	337	336	1	0	0
12.0503	Culinary Arts / Chef Training	4,321	4,220	101	0	0
12.0504	Food and Beverage / Restaurant Operations Manager	398	383	15	0	0
12.0505	Kitchen Personnel / Cook and Assistant Training	7	7	0	0	0
12.0506	Meatcutter	5	5	0	0	0
12.0599	Culinary Arts and Related Services, Other	1,182	1,182	0	0	0
12.9999	Personal and Miscellaneous Services, Other	24	24	0	0	0
13.0000	**Education**	**236,666**	**9,278**	**105,968**	**114,691**	**6,729**
13.0101	Education, General	20,652	4,289	1,842	13,489	1,032
13.0201	Bilingual / Bicultural Education	516	10	87	398	21
13.0301	Curriculum and Instruction	11,234	0	0	10,538	696
13.0401	Education Administration and Supervision, General	11,025	2	41	9,321	1,661
13.0402	Administration of Special Education	75	0	0	69	6
13.0403	Adult and Continuing Education Administration	242	0	5	161	76
13.0404	Educational Supervision	665	0	0	641	24
13.0405	Elementary, Middle and Secondary Education Administration	1,851	9	114	1,676	52
13.0406	Higher Education Administration	777	0	0	509	268
13.0407	Community and Junior College Administration	11	0	0	9	2
13.0499	Education Administration and Supervision, Other	637	9	4	454	170
13.0501	Educational / Instructional Media Design	1,682	0	32	1,588	62
13.0601	Educational Evaluation and Research	58	0	0	43	15
13.0603	Educational Statistics and Research Methods	58	0	0	30	28
13.0604	Educational Assessment, Testing and Measurement	74	0	0	57	17
13.0699	Educational Evaluation, Research and Statistics, Other	30	0	0	16	14
13.0701	International and Comparative Education	117	0	1	109	7
13.0802	Educational Psychology	1,998	0	135	1,395	468
13.0901	Social and Philosophical Foundations of Education	436	0	52	269	115
13.1001	Special Education, General	17,136	91	7,108	9,753	184
13.1003	Education of the Deaf and Hearing Impaired	500	46	284	169	1
13.1004	Education of the Gifted and Talented	240	0	0	239	1
13.1005	Education of the Emotionally Handicapped	535	0	336	194	5
13.1006	Education of the Mentally Handicapped	620	3	490	125	2
13.1007	Education of the Multiple Handicapped	363	0	116	241	6
13.1008	Education of the Physically Handicapped	144	3	57	83	1
13.1009	Education of the Blind and Visually Handicapped	83	0	37	46	0
13.1011	Education of the Specific Learning Disabled	1,243	0	628	607	8
13.1012	Education of the Speech Impaired	839	1	621	217	0
13.1099	Special Education, Other	997	97	328	571	1
13.1101	Counselor Education / Counseling and Guidance Services	12,752	0	51	12,331	370
13.1102	College / Postsecondary Student Counseling and Personnel Services	504	0	0	498	6
13.1201	Adult and Continuing Teacher Education	1,205	4	55	965	181
13.1202	Elementary Teacher Education	60,962	1,339	45,846	13,708	69
13.1203	Junior High / Intermediate / Middle School Teacher Education	2,216	0	1,414	802	0
13.1204	Pre-Elementary Education / Early Childhood / Kindergarten Teacher Education	9,995	993	6,564	2,399	39
13.1205	Secondary Teacher Education	9,519	450	3,915	5,085	69
13.1206	Teacher Education, Multiple Levels	1,439	8	361	1,060	10
13.1299	General Teacher Education, Other	3,452	156	463	2,762	71
13.1301	Agricultural Teacher Education (Vocational)	812	27	493	234	58
13.1302	Art Teacher Education	2,254	16	1,545	668	25
13.1303	Business Teacher Education (Vocational)	1,267	36	890	327	14
13.1304	Driver and Safety Teacher Education	91	0	61	30	0
13.1305	English Teacher Education	3,364	17	2,468	860	19
13.1306	Foreign Languages Teacher Education	637	0	308	303	26
13.1307	Health Teacher Education	3,083	40	2,184	791	68
13.1308	Home Economics Teacher Education (Vocational)	318	13	243	58	4

Table 18.--Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, and by discipline division and program specialty: 50 states and District of Columbia, 1997-98 -- continued

CIP code	Discipline division and program specialty	Total *	Associate's	Bachelor's	Master's	Doctor's
13.1309	Technology Teacher Education / Industrial Arts Teacher Education	1,514	25	1,078	400	11
13.1310	Marketing Operations Teacher Education / Marketing and Distribution Teacher Education	62	0	54	8	0
13.1311	Mathematics Teacher Education	2,476	9	1,570	843	54
13.1312	Music Teacher Education	3,911	33	3,031	768	79
13.1314	Physical Education Teaching and Coaching	15,965	258	12,516	3,007	184
13.1315	Reading Teacher Education	4,175	3	143	3,963	66
13.1316	Science Teacher Education, General	1,949	6	1,190	688	65
13.1317	Social Science Teacher Education	1,138	3	960	167	8
13.1318	Social Studies Teacher Education	2,343	0	1,808	534	1
13.1319	Technical Teacher Education (Vocational)	508	27	196	262	23
13.1320	Trade and Industrial Teacher Education (Vocational)	1,446	8	1,012	391	35
13.1321	Computer Teacher Education	893	0	18	875	0
13.1322	Biology Teacher Education	424	0	287	137	0
13.1323	Chemistry Teacher Education	95	0	63	31	1
13.1324	Drama and Dance Teacher Education	46	0	46	0	0
13.1325	French Language Teacher Education	68	0	51	17	0
13.1326	German Language Teacher Education	20	0	19	1	0
13.1327	Health Occupations Teacher Education (Vocational)	78	0	59	19	0
13.1328	History Teacher Education	510	4	462	44	0
13.1329	Physics Teacher Education	25	0	16	9	0
13.1330	Spanish Language Teacher Education	234	0	205	29	0
13.1331	Speech Teacher Education	116	0	115	1	0
13.1399	Teacher Education, Specific Academic and Vocational Programs, Other	2,022	8	812	1,161	41
13.1401	Teaching English as a Second Language / Foreign Language	1,793	15	68	1,697	13
13.1501	Teacher Assistant / Aide	982	982	0	0	0
13.9999	Education, Other	5,165	238	1,010	3,741	176
14.0000	**Engineering**	**93,975**	**2,149**	**59,910**	**25,936**	**5,980**
14.0101	Engineering, General	4,817	1,305	2,070	1,224	218
14.0201	Aerospace, Aeronautical and Astronautical Engineering	2,037	0	1,247	567	223
14.0301	Agricultural Engineering	961	0	697	178	86
14.0401	Architectural Engineering	633	4	595	32	2
14.0501	Bioengineering and Biomedical Engineering	1,762	25	1,079	485	173
14.0601	Ceramic Sciences and Engineering	250	0	173	39	38
14.0701	Chemical Engineering	8,106	7	6,319	1,128	652
14.0801	Civil Engineering, General	14,064	44	9,764	3,663	593
14.0802	Geotechnical Engineering	1	0	0	1	0
14.0803	Structural Engineering	10	0	4	6	0
14.0804	Transportation and Highway Engineering	52	0	2	48	2
14.0805	Water Resources Engineering	67	0	12	40	15
14.0899	Civil Engineering, Other	181	0	144	37	0
14.0901	Computer Engineering	4,468	29	3,115	1,181	143
14.1001	Electrical, Electronics and Communication Engineering	21,589	399	12,995	6,737	1,458
14.1101	Engineering Mechanics	246	0	86	100	60
14.1201	Engineering Physics	305	0	250	36	19
14.1301	Engineering Science	665	66	256	271	72
14.1401	Environmental / Environmental Health Engineering	1,819	80	776	877	86
14.1501	Geological Engineering	242	1	184	43	14
14.1601	Geophysical Engineering	20	0	16	4	0
14.1701	Industrial / Manufacturing Engineering	5,928	46	3,613	2,025	244
14.1801	Material Engineering	1,380	2	541	480	357
14.1901	Mechanical Engineering	17,515	70	13,071	3,441	933
14.2001	Metallurgical Engineering	365	0	201	93	71
14.2101	Mining and Mineral Engineering	219	0	152	49	18
14.2201	Naval Architecture and Marine Engineering	298	0	266	27	5
14.2301	Nuclear Engineering	427	2	142	177	106
14.2401	Ocean Engineering	282	0	158	96	28

Table 18.--Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, and by discipline division and program specialty: 50 states and District of Columbia, 1997-98 -- continued

CIP code	Discipline division and program specialty	Total *	Associate's	Bachelor's	Master's	Doctor's
14.2501	Petroleum Engineering	409	0	224	140	45
14.2701	Systems Engineering	1,003	0	390	559	54
14.2801	Textile Sciences and Engineering	91	0	62	29	0
14.2901	Engineering Design	18	18	0	0	0
14.3001	Engineering / Industrial Management	1,274	31	191	1,024	28
14.3101	Materials Science	258	11	92	83	72
14.3201	Polymer / Plastics Engineering	166	1	45	87	33
14.9999	Engineering, Other	2,047	8	978	929	132
15.0000	**Engineering-Related Technologies**	**47,625**	**32,748**	**13,727**	**1,136**	**14**
15.0101	Architectural Engineering Technology/Technician	1,761	1,275	486	0	0
15.0201	Civil Engineering / Civil Technology/Technician	1,597	1,184	413	0	0
15.0301	Computer Engineering Technology/Technician	1,760	1,436	317	7	0
15.0303	Electrical Electronic and Communications Engineering Technology/Technician	11,470	9,045	2,425	0	0
15.0304	Laser and Optical Technology/Technician	185	173	11	1	0
15.0399	Electrical and Electronic Engineering-Related Technolgies/ Technicians, Other	7,921	6,923	996	2	0
15.0401	Biomedical Engineering-Related Technology/Technician	389	372	17	0	0
15.0402	Computer Maintenance Technology/Technician	1,733	1,733	0	0	0
15.0403	Electromechanical Technology/Technician	814	703	111	0	0
15.0404	Instrumentation Technology/Technician	335	334	1	0	0
15.0405	Robotics Technology/Technician	457	274	183	0	0
15.0499	Electromechanical Instrumentation and Maintenance Technologies/Technicians, Other	118	102	16	0	0
15.0501	Heating, Air Conditioning and Refrigeration Technology/ Technician	687	681	6	0	0
15.0503	Energy / Management and Systems Technology/Technician	117	25	42	50	0
15.0506	Water Quality and Wastewater Treatment Technology/ Technician	273	219	53	1	0
15.0507	Environmental and Pollution Control Technology/Technician	551	390	105	56	0
15.0599	Environmental Control Technologies, Other	510	273	103	134	0
15.0603	Industrial / Manufacturing Technology/Technician	4,022	1,198	2,562	260	2
15.0607	Plastics Technology/Technician	274	137	137	0	0
15.0611	Metallurgical Technology/Technician	22	22	0	0	0
15.0699	Industrial Productuction Technologies/Technicians, Other	922	351	559	12	0
15.0701	Occupational Safety and Health Technology/Technician	1,012	219	492	301	0
15.0702	Quality Control Technology/Technician	307	289	3	15	0
15.0799	Quality Control and Safety Technology/Technician	8	8	0	0	0
15.0801	Aeronautical and Aerospace Engineering Technology/ Technician	509	271	238	0	0
15.0803	Automotive Engineering Technology/Technician	910	782	128	0	0
15.0805	Mechanical Engineering / Mechanical Technology/Technician	2,364	1,567	792	2	3
15.0899	Mechanical Engineering-Related Technologies/Technicians, Other	1,009	569	440	0	0
15.0901	Mining Technology/Technician	18	16	2	0	0
15.0903	Petroleum Technology/Technician	111	101	10	0	0
15.0999	Mining and Petroleum Technologies/Technicians, Other	9	5	2	2	0
15.1001	Construction / Building Technology/Technician	1,863	752	1,029	78	4
15.1101	Engineering Technology/Technician, General	1,009	351	542	116	0
15.1102	Surveying	410	196	193	16	5
15.1103	Hydraulic Technology/Technician	29	29	0	0	0
15.9999	Engineering-Related Technologies/Technicians, Other	2,139	743	1,313	83	0
16.0000	**Foreign Languages and Literatures**	**18,880**	**543**	**14,451**	**2,927**	**959**
16.0101	Foreign Languages and Literatures, General	1,479	230	902	281	66
16.0102	Linguistics	1,451	0	680	566	205
16.0103	Foreign Language Interpretation & Translation	66	0	0	66	0
16.0301	Chinese Language and Literature	195	0	161	21	13

Table 18.--Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, and by discipline division and program specialty: 50 states and District of Columbia, 1997-98 -- continued

CIP code	Discipline division and program specialty	Total *	Associate's	Bachelor's	Master's	Doctor's
16.0302	Japanese Language and Literature	418	6	375	35	2
16.0399	East and Southeast Asian Languages and Literatures, Other	134	0	94	33	7
16.0402	Russian Language and Literature	446	5	383	49	9
16.0403	Slavic Languages and Literatures (Other Than Russian)	130	0	33	59	38
16.0499	East European Languages and Literatures, Other	12	0	2	6	4
16.0501	German Language and Literature	1,506	22	1,181	209	94
16.0502	Scandinavian Languages and Literatures	31	0	22	6	3
16.0599	Germanic Languages and Literatures, Other	43	0	21	17	5
16.0703	South Asian Languages and Literatures	15	0	5	4	6
16.0901	French Language and Literature	3,066	43	2,530	389	104
16.0902	Italian Language and Literature	337	0	252	60	25
16.0904	Portuguese Language and Literature	40	0	36	2	2
16.0905	Spanish Language and Literature	7,760	224	6,595	781	160
16.0999	Romance Languages and Literatures, Other	257	0	105	74	78
16.1101	Arabic Language and Literature	19	0	16	2	1
16.1102	Hebrew Language and Literature	50	0	32	14	4
16.1199	Middle Eastern Languages and Literatures, Other	53	0	24	22	7
16.1201	Classics and Classical Languages and Literatures	892	1	679	141	71
16.1202	Greek Language and Literature (Ancient/Medieval)	44	0	32	10	2
16.1203	Latin Language and Literature (Ancient/Medieval)	117	0	103	12	2
16.1299	Classical and Ancient Near Eastern Languages and Literatures, Other	27	0	7	17	3
16.9999	Foreign Languages and Literatures, Other	292	12	181	51	48
19.0000	**Home Economics**	**21,214**	**1,036**	**16,866**	**2,888**	**424**
19.0101	Home Economics, General	2,942	148	2,430	311	53
19.0201	Business Home Economics	93	0	93	0	0
19.0202	Home Economics Communications	18	0	17	1	0
19.0301	Family and Community Studies	540	8	486	45	1
19.0401	Family Resource Management Studies	732	3	680	32	17
19.0402	Consumer Economics and Science	486	0	464	22	0
19.0499	Family / Consumer Resource Management, Other	255	0	232	19	4
19.0501	Foods and Nutrition Studies, General	2,828	13	2,350	416	49
19.0502	Foods and Nutrition Science	200	0	148	48	4
19.0503	Dietetics / Human Nutritional Services	1,953	159	1,627	160	7
19.0505	Food Systems Administration	28	0	21	5	2
19.0599	Foods and Nutrition Studies, Other	73	0	56	11	6
19.0601	Housing Studies, General	371	0	349	16	6
19.0603	Interior Environments	32	0	31	0	1
19.0699	Housing Studies, Other	68	0	68	0	0
19.0701	Individual and Family Development Studies, General	5,676	151	4,983	472	70
19.0703	Family and Marriage Counseling	961	0	14	916	31
19.0704	Family Life and Relations Studies	739	3	645	84	7
19.0705	Gerontological Services	296	127	75	94	0
19.0706	Child Growth, Care and Development Studies	1,031	275	527	85	144
19.0799	Individual and Family Development Studies, Other	239	48	176	15	0
19.0901	Clothing / Apparel and Textile Studies	1,484	94	1,279	95	16
19.9999	Home Economics, Other	169	7	115	41	6
20.0000	**Vocational Home Economics**	**7,712**	**7,256**	**430**	**26**	**0**
20.0201	Child Care and Guidance Workers and Managers, General	3,446	3,296	131	19	0
20.0202	Child Care Provider / Assistant	1,228	1,221	7	0	0
20.0203	Child Care Services Manager	734	728	5	1	0
20.0299	Child Care and Guidance Workers and Managers, Other	133	133	0	0	0
20.0301	Clothing, Apparel and Textile Workers and Managers, General	90	71	17	2	0
20.0303	Commercial Garment and Apparel Worker	60	60	0	0	0
20.0305	Custom Tailor	2	2	0	0	0
20.0306	Fashion and Fabric Consultant	58	58	0	0	0
20.0399	Clothing, Apparel and Textile Workers and Managers, Other	70	48	22	0	0

Table 18.--Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, and by discipline division and program specialty: 50 states and District of Columbia, 1997-98 -- continued

CIP code	Discipline division and program specialty	Total *	Associate's	Bachelor's	Master's	Doctor's
20.0401	Institutional Food Workers and Administrators, General	650	629	19	2	0
20.0404	Dietician Assistant	322	322	0	0	0
20.0405	Food Caterer	1	0	1	0	0
20.0409	Institutional Food Services Administrator	434	217	217	0	0
20.0499	Institutional Food Workers and Administrators, Other	52	52	0	0	0
20.0501	Home Furnishings and Equipment Installers and Consultants, General	194	194	0	0	0
20.0599	Home Furnishings and Equipment Installers and Consultants, Other	32	32	0	0	0
20.0602	Elder Care Provider / Companion	18	18	0	0	0
20.0605	Executive Housekeeper	3	3	0	0	0
20.9999	Vocational Home Economics, Other	185	172	11	2	0
22.0000	**Law and Legal Studies**	**13,108**	**7,797**	**2,017**	**3,228**	**66**
22.0102	Pre-Law Studies	353	188	165	0	0
22.0103	Paralegal / Legal Assistant	8,743	7,601	1,093	49	0
22.0104	Juridical Science / Legal Specialization	1,933	0	0	1,884	49
22.0199	Law and Legal Studies, Other	2,079	8	759	1,295	17
23.0000	**English Language and Literature / Letters**	**60,751**	**1,609**	**49,708**	**7,795**	**1,639**
23.0101	English Language and Literature, General	44,398	799	37,406	4,980	1,213
23.0301	Comparative Literature	1,624	574	692	208	150
23.0401	English Composition	385	2	350	29	4
23.0501	English Creative Writing	2,335	2	1,013	1,314	6
23.0701	American Literature (United States)	68	7	43	11	7
23.0801	English Literature (British & Commonwealth)	1,517	1	1,212	235	69
23.1001	Speech and Rhetorical Studies	8,694	208	7,626	733	127
23.1101	English Technical and Business Writing	421	3	227	189	2
23.9999	English Language and Literature / Letters, Other	1,309	13	1,139	96	61
24.0000	**Liberal Arts and Sciences, General Studies and Humanities**	**222,338**	**186,248**	**33,202**	**2,801**	**87**
24.0101	Liberal Arts and Sciences / Liberal Studies	164,997	143,297	19,858	1,826	16
24.0102	General Studies	33,710	26,719	6,964	21	6
24.0103	Humanities / Humanistic Studies	9,724	6,606	2,520	547	51
24.0199	Liberal Arts and Sciences, General Studies and Humanities, Other	13,907	9,626	3,860	407	14
25.0000	**Library Science**	**5,088**	**96**	**73**	**4,871**	**48**
25.0101	Library Science / Librarianship	4,893	10	70	4,768	45
25.0301	Library Assistant	86	86	0	0	0
25.9999	Library Science, Other	109	0	3	103	3
26.0000	**Biological Sciences / Life Sciences**	**79,203**	**2,113**	**65,868**	**6,261**	**4,961**
26.0101	Biology, General	52,465	1,985	47,054	2,617	809
26.0202	Biochemistry	4,649	1	3,812	262	574
26.0203	Biophysics	149	0	26	31	92
26.0301	Botany, General	645	3	350	139	153
26.0305	Plant Pathology	159	0	10	83	66
26.0307	Plant Physiology	30	0	0	8	22
26.0399	Botany, Other	71	0	40	7	24
26.0401	Cell Biology	527	0	292	59	176
26.0402	Molecular Biology	1,085	0	711	115	259
26.0499	Cell and Molecular Biology, Other	1,675	0	1,465	68	142
26.0501	Microbiology / Bacteriology	3,576	5	2,781	352	438
26.0601	Anatomy	221	0	87	64	70
26.0603	Ecology	1,365	10	1,015	223	117

Table 18.--Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, and by discipline division and program specialty: 50 states and District of Columbia, 1997-98 -- continued

CIP code	Discipline division and program specialty	Total *	Associate's	Bachelor's	Master's	Doctor's
26.0607	Marine / Aquatic Biology	971	0	816	115	40
26.0608	Neuroscience	632	0	334	60	238
26.0609	Nutritional Sciences	864	1	463	303	97
26.0610	Parasitology	3	0	0	0	3
26.0611	Radiation Biology / Radiobiology	67	4	0	50	13
26.0612	Toxicology	238	1	67	68	102
26.0613	Genetics, Plant and Animal	702	0	307	155	240
26.0614	Biometrics	84	0	21	35	28
26.0615	Biostatistics	148	0	0	106	42
26.0616	Biotechnology Research	252	9	112	131	0
26.0617	Evolutionary Biology	31	0	0	12	19
26.0618	Biological Immunology	41	0	0	8	33
26.0619	Virology	13	0	0	2	11
26.0699	Miscellaneous Biological Specializations, Other	806	12	509	113	172
26.0701	Zoology, General	3,250	13	2,866	242	129
26.0702	Entomology	410	0	139	135	136
26.0704	Pathology, Human and Animal	149	0	7	53	89
26.0705	Pharmacology, Human and Animal	415	0	63	85	267
26.0706	Physiology, Human and Animal	1,151	5	642	306	198
26.0799	Zoology, Other	6	0	6	0	0
26.9999	Biological Sciences / Life Sciences, Other	2,353	64	1,873	254	162
27.0000	**Mathematics**	**18,074**	**844**	**12,328**	**3,643**	**1,259**
27.0101	Mathematics	14,399	836	10,534	2,189	840
27.0301	Applied Mathematics, General	1,078	6	615	335	122
27.0302	Operations Research	811	0	533	234	44
27.0399	Applied Mathematics, Other	40	0	40	0	0
27.0501	Mathematical Statistics	1,367	2	350	789	226
27.9999	Mathematics, Other	379	0	256	96	27
29.0000	**Military Technologies**	**25**	**22**	**3**	**0**	**0**
29.0101	Military Technologies	25	22	3	0	0
30.0000	**Multi / Interdisciplinary Studies**	**38,749**	**9,401**	**26,163**	**2,677**	**508**
30.0101	Biological and Physical Sciences	8,860	5,742	2,782	309	27
30.0501	Peace and Conflict Studies	136	0	47	87	2
30.0601	Systems Science and Theory	231	0	70	140	21
30.0801	Mathematics and Computer Science	249	0	223	18	8
30.1001	Biopsychology	23	0	23	0	0
30.1101	Gerontology	488	54	231	200	3
30.1201	Historic Preservation, Conservation and Architectural History	138	17	62	59	0
30.1301	Medieval and Renaissance Studies	48	0	27	17	4
30.1401	Museology / Museum Studies	144	4	1	139	0
30.1501	Science, Technology and Society	201	6	157	34	4
30.9999	Multi / Interdisciplinary Studies, Other	28,231	3,578	22,540	1,674	439
31.0000	**Parks, Recreation, Leisure and Fitness Studies**	**19,829**	**895**	**16,781**	**2,024**	**129**
31.0101	Parks, Recreation and Leisure Studies	2,753	109	2,444	178	22
31.0301	Parks, Recreation and Leisure Facilities Management	3,446	277	2,953	208	8
31.0501	Health and Physical Education, General	5,852	237	4,963	617	35
31.0502	Adapted Physical Education / Therapeutic Recreation	186	0	172	14	0
31.0503	Athletic Training and Sports Medicine	1,335	55	1,187	93	0
31.0504	Sport and Fitness Administration / Management	1,848	56	1,516	275	1
31.0505	Exercise Sciences / Physiology and Movement Studies	3,603	25	3,011	517	50
31.0506	Socio-Psychological Sports Studies	31	0	12	19	0
31.0599	Health and Physical Education / Fitness, Other	478	17	380	70	11
31.9999	Parks, Recreation, Leisure and Fitness Studies, Other	297	119	143	33	2

Table 18.--Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, and by discipline division and program specialty: 50 states and District of Columbia, 1997-98 -- continued

CIP code	Discipline division and program specialty	Total *	Associate's	Bachelor's	Master's	Doctor's
38.0000	**Philosophy and Religion**	**10,193**	**94**	**8,207**	**1,307**	**585**
38.0101	Philosophy	5,862	41	4,836	621	364
38.0201	Religion / Religious Studies	3,900	49	3,087	559	205
38.9999	Philosophy and Religion	431	4	284	127	16
39.0000	**Theological Studies and Religious Vocations**	**12,625**	**570**	**5,903**	**4,692**	**1,460**
39.0101	Biblical and Other Theological Languages and Literatures	100	0	48	43	9
39.0201	Bible / Biblical Studies	2,319	300	1,683	311	25
39.0301	Missions / Missionary Studies and Missology	515	3	257	185	70
39.0401	Religious Education	1,780	115	857	772	36
39.0501	Religious / Sacred Music	290	10	161	111	8
39.0601	Theology / Theological Studies	3,978	97	1,083	2,136	662
39.0604	Pre-Theological / Pre-Ministerial Studies	89	1	88	0	0
39.0606	Talmudic Studies	672	0	628	16	28
39.0699	Theological and Ministerial Studies, Other	907	25	391	237	254
39.0701	Pastoral Counseling and Specialized Ministries	1,074	0	322	568	184
39.9999	Theological Studies and Religious Vocations, Other	901	19	385	313	184
40.0000	**Physical Sciences**	**30,761**	**1,584**	**19,276**	**5,332**	**4,569**
40.0101	Physical Sciences, General	1,388	1,007	348	30	3
40.0201	Astronomy	282	0	111	74	97
40.0301	Astrophysics	104	0	57	27	20
40.0401	Atmospheric Sciences and Meteorology	724	3	443	199	79
40.0501	Chemistry, General	14,618	294	10,184	1,992	2,148
40.0502	Analytical Chemistry	40	0	0	19	21
40.0503	Inorganic Chemistry	20	2	0	6	12
40.0504	Organic Chemistry	33	0	6	21	6
40.0505	Medicinal / Pharmaceutical Chemistry	138	0	54	33	51
40.0506	Physical and Theoretical Chemistry	38	0	5	7	26
40.0507	Polymer Chemistry	58	0	1	17	40
40.0599	Chemistry, Other	419	3	332	46	38
40.0601	Geology	3,939	38	2,777	823	301
40.0602	Geochemistry	25	0	13	8	4
40.0603	Geophysics and Seismology	197	0	60	66	71
40.0604	Paleontology	3	0	0	3	0
40.0699	Geological and Related Sciences, Other	322	0	216	66	40
40.0701	Metallurgy	7	0	0	3	4
40.0702	Oceanography	452	37	213	122	80
40.0703	Earth and Planetary Sciences	818	0	587	139	92
40.0799	Miscellaneous Physical Sciences, Other	210	0	98	107	5
40.0801	Physics, General	5,938	106	3,277	1,254	1,301
40.0802	Chemical and Atomic / Molecular Physics	23	2	13	5	3
40.0806	Nuclear Physics	3	0	0	1	2
40.0807	Optics	105	0	49	30	26
40.0808	Solid State and Low-Temperature Physics	1	0	0	0	1
40.0899	Physics, Other	244	1	102	81	60
40.9999	Physical Sciences, Other	612	91	330	153	38
41.0000	**Science Technologies**	**873**	**702**	**140**	**29**	**2**
41.0101	Biological Technology/Technician	162	145	15	0	2
41.0204	Industrial Radiologic Technology/Technician	19	19	0	0	0
41.0205	Nuclear / Nuclear Power Technology/Technician	36	25	1	10	0
41.0299	Nuclear and Industrial Radiologic Technologies/Technicians, Other	1	1	0	0	0
41.0301	Chemical Technology/Technician	401	391	10	0	0
41.0399	Physical Science Technology/Technicians, Other	13	12	1	0	0
41.9999	Science Technologies/Technicians, Other	241	109	113	19	0

Table 18.--Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, and by discipline division and program specialty: 50 states and District of Columbia, 1997-98 -- continued

CIP code	Discipline division and program specialty	Total *	Associate's	Bachelor's	Master's	Doctor's
42.0000	**Psychology**	**93,557**	**1,765**	**73,972**	**13,747**	**4,073**
42.0101	Psychology, General	76,869	1,620	69,374	4,298	1,577
42.0201	Clinical Psychology	3,070	3	45	1,374	1,648
42.0301	Cognitive Psychology and Psycholinguistics	125	0	62	41	22
42.0401	Community Psychology	409	26	45	338	0
42.0601	Counseling Psychology	5,172	6	277	4,600	289
42.0701	Developmental and Child Psychology	917	0	744	120	53
42.0801	Experimental Psychology	371	0	235	60	76
42.0901	Industrial and Organizational Psychology	1,136	0	163	904	69
42.1101	Physiological Psychology / Psychobiology	304	0	271	10	23
42.1601	Social Psychology	804	23	572	147	62
42.1701	School Psychology	880	3	0	762	115
42.9999	Psychology, Other	3,500	84	2,184	1,093	139
43.0000	**Protective Services**	**46,117**	**19,002**	**25,076**	**2,000**	**39**
43.0102	Corrections / Correctional Administration	1,499	739	687	73	0
43.0103	Criminal Justice / Law Enforcement Administration	12,407	3,444	8,167	786	10
43.0104	Criminal Justice Studies	16,244	2,305	12,932	978	29
43.0106	Forensic Technology/Technician	129	15	52	62	0
43.0107	Law Enforcement / Police Science	10,832	9,007	1,780	45	0
43.0109	Security and Loss Prevention Services	132	100	28	4	0
43.0199	Criminal Justice and Corrections, Other	1,409	305	1,096	8	0
43.0201	Fire Protection and Safety Technology/Technician	1,945	1,750	191	4	0
43.0202	Fire Services Administration	291	173	117	1	0
43.0203	Fire Science / Firefighting	560	544	16	0	0
43.0299	Fire Protection, Other	46	13	6	27	0
43.9999	Protective Services, Other	623	607	4	12	0
44.0000	**Public Administration and Services**	**50,207**	**4,156**	**20,408**	**25,144**	**499**
44.0201	Community Organization, Resources and Services	3,720	1,502	1,840	373	5
44.0401	Public Administration	9,667	50	2,224	7,233	160
44.0501	Public Policy Analysis	1,605	10	457	1,055	83
44.0701	Social Work	33,041	1,606	15,275	15,916	244
44.9999	Public Administration and Services, Other	2,174	988	612	567	7
45.0000	**Social Sciences and History**	**148,301**	**4,196**	**125,040**	**14,938**	**4,127**
45.0101	Social Sciences, General	10,781	2,651	7,504	572	54
45.0201	Anthropology	8,425	129	6,745	1,076	475
45.0301	Archeology	177	3	138	22	14
45.0401	Criminology	2,990	47	2,789	147	7
45.0501	Demography and Population Studies	40	2	3	27	8
45.0601	Economics, General	19,649	207	16,393	2,135	914
45.0602	Applied and Resource Economics	245	0	129	109	7
45.0603	Econometrics and Quantitative Economics	28	0	26	2	0
45.0604	Development Economics and International Development	101	0	0	98	3
45.0605	International Economics	238	0	156	81	1
45.0699	Economics, Other	383	0	370	10	3
45.0701	Geography	5,065	53	4,091	749	172
45.0702	Cartography	58	7	44	7	0
45.0801	History, General	29,473	286	25,448	2,834	905
45.0802	American (United States) History	28	0	20	2	6
45.0803	European History	4	0	1	3	0
45.0804	History and Philosophy of Science and Technology	79	0	39	22	18
45.0805	Public / Applied History and Archival Administration	34	0	15	19	0
45.0899	History, Other	226	0	203	15	8
45.0901	International Relations and Affairs	7,508	23	5,132	2,290	63

Table 18.--Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, and by discipline division and program specialty: 50 states and District of Columbia, 1997-98 -- continued

CIP code	Discipline division and program specialty	Total *	Associate's	Bachelor's	Master's	Doctor's
45.1001	Political Science and Government, General	30,453	142	27,743	1,871	697
45.1002	American Government and Politics	109	0	30	78	1
45.1099	Political Science and Government, Other	290	4	271	8	7
45.1101	Sociology	27,710	571	24,806	1,737	596
45.1201	Urban Affairs / Studies	1,096	10	634	381	71
45.9999	Social Sciences and History, Other	3,111	61	2,310	643	97
46.0000	**Construction Trades**	**2,370**	**2,172**	**182**	**16**	**0**
46.0101	Mason and Tile Setter	25	22	3	0	0
46.0201	Carpenters	344	344	0	0	0
46.0301	Electrical and Power Transmission Installer, General	99	99	0	0	0
46.0302	Electrician	855	854	1	0	0
46.0303	Lineworker	87	87	0	0	0
46.0399	Electrical and Power Transmission Installer, Other	11	11	0	0	0
46.0401	Building / Property Maintenance and Manager	176	114	62	0	0
46.0403	Construction / Building Inspector	84	84	0	0	0
46.0499	Construction and Building Finishers and Managers, Other	289	164	113	12	0
46.0501	Plumber and Pipefitter	65	65	0	0	0
46.9999	Construction Trades, Other	335	328	3	4	0
47.0000	**Mechanics and Repairers**	**10,707**	**10,616**	**91**	**0**	**0**
47.0101	Electrical and Electronics Equipment Installer and Repairer, General	1,158	1,158	0	0	0
47.0102	Business Machine Repairer	16	16	0	0	0
47.0103	Communication Systems Installer and Repairer	171	171	0	0	0
47.0104	Computer Installer and Repairer	372	372	0	0	0
47.0105	Industrial Electronics Installer and Repairer	725	725	0	0	0
47.0106	Major Appliance Installer and Repairer	15	15	0	0	0
47.0199	Electrical and Electronics Equipment Installer and Repairer, Other	118	118	0	0	0
47.0201	Heating, Air Conditioning and Refrigeration Mechanic and Repairer	990	990	0	0	0
47.0302	Heavy Equipment Maintenance and Repairer	69	69	0	0	0
47.0303	Industrial Machinery Maintenance and Repairer	282	282	0	0	0
47.0399	Industrial Equipment Maintenance and Repairers, Other	55	55	0	0	0
47.0401	Instrument Calibration and Repairer	72	72	0	0	0
47.0402	Gunsmith	65	65	0	0	0
47.0404	Musical Instrument Repairer	12	12	0	0	0
47.0408	Watch, Clock and Jewelry Repairer	60	60	0	0	0
47.0499	Miscellaneous Mechanics and Repairers, Other	9	9	0	0	0
47.0501	Stationary Energy Sources Installer and Operator	7	7	0	0	0
47.0603	Auto/Automotive Body Repairer	554	554	0	0	0
47.0604	Auto/Automotive Mechanic / Technician	3,741	3,736	5	0	0
47.0605	Diesel Engine Mechanic and Repairer	876	876	0	0	0
47.0606	Small Engine Mechanic and Repairer	5	5	0	0	0
47.0607	Aircraft Mechanic / Technician, Airframe	300	297	3	0	0
47.0608	Aircraft Mechanic / Technician, Powerplant	247	242	5	0	0
47.0609	Aviation Systems and Avionics Maintenance Technologist/ Technician	461	383	78	0	0
47.0699	Vehicle and Mobile Equipment Mechanics and Repairers, Other	229	229	0	0	0
47.9999	Mechanics and Repairers, Other	98	98	0	0	0
48.0000	**Precision Production Trades**	**11,507**	**11,085**	**407**	**15**	**0**
48.0101	Drafting, General	5,428	5,298	125	5	0
48.0102	Architectural Drafting	1,028	1,028	0	0	0
48.0103	Civil / Structural Drafting	23	23	0	0	0
48.0104	Electrical / Electronics Drafting	64	64	0	0	0
48.0105	Mechanical Drafting	1,034	957	77	0	0

Table 18.--Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, and by discipline division and program specialty: 50 states and District of Columbia, 1997-98 -- continued

CIP code	Discipline division and program specialty	Total *	Associate's	Bachelor's	Master's	Doctor's
48.0199	Drafting, Other	567	563	4	0	0
48.0201	Graphic and Printing Equipment Operator, General	949	814	135	0	0
48.0205	Mechanical Typesetter and Composer	9	9	0	0	0
48.0206	Lithographer and Platemaker	29	29	0	0	0
48.0208	Printing Press Operator	56	56	0	0	0
48.0211	Computer Typography and Composition Equipment Operator	101	101	0	0	0
48.0212	Desktop Publishing Equipment Operator	60	60	0	0	0
48.0299	Graphic and Printing Equipment Operator, Other	168	154	14	0	0
48.0303	Upholsterer	2	2	0	0	0
48.0399	Leatherworkers and Upholsterers, Other	10	10	0	0	0
48.0501	Machinist / Machine Technologist	552	550	2	0	0
48.0503	Machine Shop Assistant	430	430	0	0	0
48.0506	Sheet Metal Worker	18	18	0	0	0
48.0507	Tool and Die Maker / Technologist	403	396	7	0	0
48.0508	Welder / Welding Technologist	365	364	1	0	0
48.0599	Precision Metal Workers, Other	27	27	0	0	0
48.0701	Woodworkers, General	11	11	0	0	0
48.0702	Furniture Designer and Maker	45	11	24	10	0
48.0703	Cabinet Maker and Millworker	22	22	0	0	0
48.0799	Woodworkers, Other	15	5	10	0	0
48.9999	Precision Production Trades, Other	91	83	8	0	0
49.0000	**Transportation and Material Moving Workers**	**4,951**	**1,009**	**3,206**	**736**	**0**
49.0101	Aviation and Airway Science	1,751	159	1,592	0	0
49.0102	Aircraft Pilot and Navigator (Professional)	1,842	457	749	636	0
49.0104	Aviation Management	762	107	598	57	0
49.0105	Air Traffic Controller	84	54	30	0	0
49.0106	Flight Attendant	9	9	0	0	0
49.0107	Aircraft Pilot (Private)	6	6	0	0	0
49.0199	Air Transportation Workers, Other	116	74	0	42	0
49.0205	Truck, Bus and Other Commercial Vehicle Operator	4	4	0	0	0
49.0299	Vehicle and Equipment Operators, Other	6	6	0	0	0
49.0304	Diver (Professional)	29	29	0	0	0
49.0306	Marine Maintenance and Ship Repairer	32	32	0	0	0
49.0309	Marine Science / Merchant Marine Officer	217	2	215	0	0
49.0399	Water Transportation Workers, Other	20	5	15	0	0
49.9999	Transportation and Materials Moving Workers, Other	73	65	7	1	0
50.0000	**Visual and Performing Arts**	**79,365**	**14,980**	**52,077**	**11,145**	**1,163**
50.0101	Visual and Performing Arts, General	1,860	420	1,320	115	5
50.0201	Crafts, Folk Art and Artisanry	140	3	118	19	0
50.0301	Dance	1,347	64	1,084	194	5
50.0401	Design and Visual Communications	2,719	1,309	1,270	140	0
50.0402	Graphic Design, Commercial Art and Illustration	9,699	5,274	4,043	382	0
50.0404	Industrial Design	1,165	288	799	78	0
50.0406	Commercial Photography	445	445	0	0	0
50.0407	Fashion Design and Illustration	1,726	1,069	639	18	0
50.0408	Interior Design	2,610	1,220	1,290	100	0
50.0499	Design and Applied Arts, Other	1,120	612	400	108	0
50.0501	Drama / Theater Arts, General	8,002	356	6,313	1,243	90
50.0502	Technical Theater / Theater Design and Stagecraft	214	16	165	33	0
50.0503	Acting and Directing	254	0	150	104	0
50.0504	Playwriting and Screenwriting	5	0	4	1	0
50.0505	Drama / Theater Literature, History and Criticism	51	0	51	0	0
50.0599	Dramatic / Theater Arts and Stagecraft, Other	92	0	68	24	0
50.0601	Film / Cinema Studies	828	0	713	109	6
50.0602	Film-Video Making / Cinematography and Production	2,219	652	1,188	369	10
50.0605	Photography	1,319	306	869	141	3
50.0699	Film / Video and Photographic Arts, Other	523	127	345	51	0

Table 18.--Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, and by discipline division and program specialty: 50 states and District of Columbia, 1997-98 -- continued

CIP code	Discipline division and program specialty	Total *	Associate's	Bachelor's	Master's	Doctor's
50.0701	Art, General	13,176	706	11,425	1,012	33
50.0702	Fine / Studio Arts	2,480	36	2,071	364	9
50.0703	Art History, Criticism and Conservation	5,505	46	4,339	937	183
50.0704	Arts Management	324	7	115	202	0
50.0705	Drawing	642	362	250	30	0
50.0706	Intermedia	182	46	114	22	0
50.0708	Painting	948	0	738	210	0
50.0709	Sculpture	283	0	223	60	0
50.0710	Printmaking	130	1	89	40	0
50.0711	Ceramics Arts and Ceramics	279	7	226	46	0
50.0712	Fiber, Textile and Weaving Arts	140	0	103	34	3
50.0713	Metal and Jewelry Arts	131	8	94	29	0
50.0799	Fine Arts and Art Studies, Other	1,999	62	1,410	525	2
50.0901	Music, General	6,817	450	4,826	1,251	290
50.0902	Music History and Literature	135	1	68	38	28
50.0903	Music - General Performance	5,449	130	2,957	2,060	302
50.0904	Music Theory and Composition	593	7	342	169	75
50.0905	Musicology and Ethnomusicology	39	0	17	17	5
50.0906	Music Conducting	60	0	2	39	19
50.0907	Music - Piano and Organ Performance	203	2	84	108	9
50.0908	Music - Voice and Choral / Opera Performance	259	1	152	102	4
50.0909	Music Business Management and Merchandising	697	252	445	0	0
50.0999	Music, Other	1,379	531	605	199	44
50.9999	Visual and Performing Arts, Other	1,177	164	553	422	38
51.0000	**Health Professions and Related Sciences**	**218,154**	**92,031**	**84,379**	**39,260**	**2,484**
51.0201	Communication Disorders, General	2,924	15	1,846	1,035	28
51.0202	Audiology / Hearing Sciences	382	0	171	197	14
51.0203	Speech-Language Pathology	2,049	10	924	1,112	3
51.0204	Speech-Language Pathology and Audiology	7,041	1	3,836	3,142	62
51.0205	Sign Language Interpreter	648	557	88	3	0
51.0299	Communication Disorders Sciences and Services, Other	248	20	74	147	7
51.0301	Community Health Liaison	1,266	287	776	203	0
51.0501	Dental Clinical Sciences / Graduate Dentistry	418	0	0	397	21
51.0601	Dental Assistant	439	439	0	0	0
51.0602	Dental Hygienist	5,194	4,189	993	12	0
51.0603	Dental Laboratory Technician	275	262	7	6	0
51.0699	Dental Services, Other	71	14	12	39	6
51.0701	Health System / Health Services Administration	4,847	78	2,178	2,544	47
51.0702	Hospital / Health Facilities Administration	2,564	11	995	1,557	1
51.0703	Health Unit Coordinator / Ward Clerk	18	18	0	0	0
51.0704	Health Unit Manager / Ward Supervisor	47	8	39	0	0
51.0705	Medical Office Management	324	324	0	0	0
51.0706	Medical Records Administration	872	148	718	6	0
51.0707	Medical Records Technology/Technician	1,879	1,870	4	3	2
51.0708	Medical Transcription	211	211	0	0	0
51.0799	Health and Medical Administrative Services, Other	605	230	213	150	12
51.0801	Medical Assistant	5,102	5,102	0	0	0
51.0802	Medical Laboratory Assistant	111	53	42	16	0
51.0803	Occupational Therapy Assistant	2,875	2,875	0	0	0
51.0804	Ophthalmic Medical Assistant	12	12	0	0	0
51.0805	Pharmacy Technician / Assistant	245	245	0	0	0
51.0806	Physical Therapy Assistant	5,483	5,415	68	0	0
51.0807	Physician Assistant	2,816	158	1,614	1,044	0
51.0808	Veterinarian Assistant / Animal Health Technician	1,699	1,610	89	0	0
51.0899	Health and Medical Assistants, Other	194	172	5	17	0
51.0901	Cardiovascular Technology/Technician	242	196	46	0	0
51.0902	Electrocardiograph Technology/Technician	58	58	0	0	0
51.0903	Electroencephalograph Technology/Technician	20	20	0	0	0
51.0904	Emergency Medical Technology/Technician	1,047	975	64	8	0

Table 18.--Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, and by discipline division and program specialty: 50 states and District of Columbia, 1997-98 -- continued

CIP code	Discipline division and program specialty	Total *	Associate's	Bachelor's	Master's	Doctor's
51.0905	Nuclear Medical Technology/Technician	406	246	160	0	0
51.0906	Perfusion Technology/Technician	26	0	20	6	0
51.0907	Medical Radiologic Technology/Technician	6,183	5,339	831	13	0
51.0908	Respiratory Therapy Technician	3,777	3,296	481	0	0
51.0909	Surgical / Operating Room Technician	730	665	65	0	0
51.0910	Diagnostic Medical Sonography Technician	342	277	65	0	0
51.0999	Health and Medical Diagnostic and Treatment Services, Other	410	151	190	63	6
51.1001	Blood Bank Technology/Technician	2	0	0	2	0
51.1002	Cytotechnologist	107	0	101	6	0
51.1004	Medical Laboratory Technician	2,481	2,370	106	5	0
51.1005	Medical Technology	2,373	49	2,247	74	3
51.1006	Optometric/Ophthalmic Laboratory Tech	3	3	0	0	0
51.1099	Health and Medical Laboratory Technologies/Technicians, Other	815	102	191	421	101
51.1101	Pre-Dentistry Studies	175	32	143	0	0
51.1102	Pre-Medicine Studies	912	299	613	0	0
51.1103	Pre-Pharmacy Studies	81	79	2	0	0
51.1104	Pre-Veterinary Studies	331	58	273	0	0
51.1199	Health and Medical Preparatory Programs, Other	712	229	385	59	39
51.1301	Medical Anatomy	37	0	0	15	22
51.1302	Medical Biochemistry	130	0	19	29	82
51.1304	Medical Physics/Biophysics	25	0	2	16	7
51.1305	Medical Cell Biology	44	0	19	2	23
51.1306	Medical Genetics	31	0	0	25	6
51.1307	Medical Immunology	58	0	0	16	42
51.1308	Medical Microbiology	226	0	145	23	58
51.1309	Medical Molecular Biology	18	0	0	7	11
51.1310	Medical Neurobiology	28	0	0	2	26
51.1311	Medical Nutrition	27	0	0	27	0
51.1312	Medical Pathology	41	0	0	15	26
51.1313	Medical Physiology	58	0	0	24	34
51.1314	Medical Toxicology	16	0	6	2	8
51.1399	Medical Basic Sciences, Other	771	1	313	309	148
51.1401	Medical Clinical Sciences (M.S., Ph.D.)	66	0	0	32	34
51.1501	Alcohol / Drug Abuse Counseling	1,014	852	101	61	0
51.1502	Psychiatric / Mental Health Services Technician	1,913	1,705	106	63	39
51.1503	Clinical and Medical Social Work	235	17	134	76	8
51.1599	Mental Health Services, Other	1,045	547	227	267	4
51.1601	Nursing (R.N. Training)	90,530	46,627	38,708	4,891	304
51.1602	Nursing Administration (Post-R.N.)	979	72	372	535	0
51.1603	Nursing, Adult Health (Post-R.N.)	408	0	132	276	0
51.1604	Nursing Anesthetist (Post-R.N.)	522	0	0	522	0
51.1605	Nursing, Family Practice (Post-R.N.)	714	4	0	709	1
51.1606	Nursing, Maternal / Child Health (Post-R.N.)	344	4	0	335	5
51.1607	Nursing Midwifery (Post-R.N.)	64	0	0	64	0
51.1608	Nursing Science (Post-R.N.)	3,050	8	1,597	1,362	83
51.1609	Nursing, Pediatric (Post-R.N.)	100	0	29	71	0
51.1610	Nursing, Psychiatric / Mental Health (Post-R.N.)	136	0	0	136	0
51.1611	Nursing, Public Health (Post-R.N.)	368	0	0	363	5
51.1612	Nursing, Surgical (Post-R.N.)	67	0	0	67	0
51.1613	Practical Nurse (L.P.N. Training)	499	499	0	0	0
51.1614	Nurse Assistant / Aide	23	23	0	0	0
51.1615	Home Health Aide	36	36	0	0	0
51.1699	Nursing, Other	6,125	614	2,755	2,690	66
51.1801	Opticianry / Dispensing Optician	204	204	0	0	0
51.1802	Optical Technician / Assistant	224	224	0	0	0
51.1803	Ophthalmic Medical Technologist	63	55	4	4	0
51.1899	Ophthalmic / Optometric Services, Other	64	1	22	40	1
51.2001	Pharmacy (B. Pharm., Pharm.D.)	4,773	0	4,773	0	0
51.2002	Pharmacy Administration and Pharmaceutics	81	0	0	55	26
51.2003	Medical Pharmacology and Pharmaceutical Sciences	307	0	74	104	129

Table 18.--Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, and by discipline division and program specialty: 50 states and District of Columbia, 1997-98 -- continued

CIP code	Discipline division and program specialty	Total *	Associate's	Bachelor's	Master's	Doctor's
51.2099	Pharmacy, Other	577	1	367	124	85
51.2201	Public Health, General	3,424	77	640	2,609	98
51.2202	Environmental Health	719	14	380	283	42
51.2203	Epidemiology	461	0	0	363	98
51.2204	Health and Medical Biostatistics	38	0	0	31	7
51.2205	Health Physics / Radiologic Health	26	4	9	13	0
51.2206	Occupational Health and Industrial Hygiene	164	6	81	72	5
51.2207	Public Health Education and Promotion	510	0	170	312	28
51.2299	Public Health, Other	952	3	188	688	73
51.2301	Art Therapy	301	0	86	215	0
51.2302	Dance Therapy	25	0	2	23	0
51.2304	Movement Therapy	13	4	0	9	0
51.2305	Music Therapy	277	0	230	47	0
51.2306	Occupational Therapy	5,514	420	3,616	1,460	18
51.2307	Orthotics / Prosthetics	71	45	26	0	0
51.2308	Physical Therapy	8,161	309	3,257	4,404	191
51.2309	Recreational Therapy	292	71	219	2	0
51.2310	Vocational Rehabilitation Counseling	874	13	254	600	7
51.2399	Rehabilitation / Therapeutic Services, Other	1,572	64	1,119	373	16
51.2501	Veterinary Clinical Sciences (M.S., Ph.D.)	221	0	0	129	92
51.2601	Health Aide	68	68	0	0	0
51.2701	Acupuncture and Oriental Medicine	952	0	10	893	49
51.2702	Medical Dietician	44	5	17	22	0
51.2703	Medical Illustrating	82	0	37	45	0
51.2704	Naturopathic Medicine	29	0	0	0	29
51.2705	Psychoanalysis	1	0	0	1	0
51.9999	Health Professions and Related Sciences, Other	5,230	656	3,458	1,020	96
52.0000	**Business Management and Administrative Services**	**422,772**	**91,399**	**228,476**	**101,609**	**1,288**
52.0101	Business, General	45,322	11,311	22,400	11,422	189
52.0201	Business Administration and Management, General	161,588	25,263	79,796	55,854	675
52.0202	Purchasing, Procurement and Contracts Management	784	68	322	394	0
52.0203	Logistics and Materials Management	891	74	674	143	0
52.0204	Office Supervision and Management	1,951	1,283	653	15	0
52.0205	Operations Management and Supervision	4,039	663	1,809	1,558	9
52.0206	Non-Profit and Public Management	138	3	82	53	0
52.0299	Business Administration and Management, Other	8,423	1,439	3,600	3,368	16
52.0301	Accounting	48,580	6,520	37,595	4,415	50
52.0302	Accounting Technician	8,027	7,959	67	1	0
52.0399	Accounting, Other	688	328	256	103	1
52.0401	Administrative Assistant / Secretarial Science, General	10,502	10,359	129	14	0
52.0402	Executive Assistant / Secretary	2,435	2,425	10	0	0
52.0403	Legal Administrative Assistant / Secretary	1,646	1,612	34	0	0
52.0404	Medical Administrative Assistant / Secretary	2,837	2,835	2	0	0
52.0405	Court Reporter	509	481	28	0	0
52.0406	Receptionist	9	8	1	0	0
52.0407	Information Processing / Data Entry Technician	849	829	20	0	0
52.0408	General Office / Clerical and Typing Services	357	357	0	0	0
52.0499	Administrative and Secretarial Services, Other	403	374	29	0	0
52.0501	Business Communications	286	3	176	107	0
52.0601	Business / Managerial Economics	3,117	24	2,855	182	56
52.0701	Enterprise Management and Operation, General	768	203	482	83	0
52.0702	Franchise Operation	42	0	0	42	0
52.0799	Enterprise Management and Operation, Other	36	34	2	0	0
52.0801	Finance, General	26,683	222	20,876	5,543	42
52.0802	Actuarial Science	337	0	248	89	0
52.0803	Banking and Financial Support Services	1,110	435	425	248	2
52.0804	Financial Planning	77	3	35	39	0
52.0805	Insurance and Risk Management	505	2	456	44	3
52.0806	International Finance	13	0	5	8	0

Table 18.--Degrees conferred by Title IV participating, degree-granting institutions, by level of degree, and by discipline division and program specialty: 50 states and District of Columbia, 1997-98 -- continued

CIP code	Discipline division and program specialty	Total *	Associate's	Bachelor's	Master's	Doctor's
52.0807	Investments and Securities	722	27	378	317	0
52.0899	Financial Management and Services, Other	322	52	199	71	0
52.0901	Hospitality Administration / Management	2,139	309	1,581	248	1
52.0902	Hotel / Motel and Restaurant Management	5,458	1,881	3,411	166	0
52.0903	Travel-Tourism Management	1,063	701	277	85	0
52.0999	Hospitality Services Management, Other	902	317	572	13	0
52.1001	Human Resources Management	7,812	323	5,339	2,127	23
52.1002	Labor / Personnel Relations and Studies	1,491	141	723	607	20
52.1003	Organizational Behavior Studies	1,864	2	1,449	373	40
52.1099	Human Resources Management, Other	878	128	453	297	0
52.1101	International Business	6,384	217	3,376	2,774	17
52.1201	Management Information Systems and Business Data Processing, General	13,526	2,773	8,180	2,560	13
52.1202	Business Computer Programming / Programmer	2,259	2,201	58	0	0
52.1203	Business Systems Analysis and Design	1,360	1,087	236	37	0
52.1204	Business Systems Networking and Telecommunications	1,888	773	633	482	0
52.1205	Business Computer Facilities Operator	304	254	50	0	0
52.1299	Business Information and Data Processing Services, Other	1,898	1,488	236	174	0
52.1301	Management Science	2,516	123	1,601	768	24
52.1302	Business Statistics	53	0	23	21	9
52.1399	Business Quantitative Methods and Management Science, Other	973	0	598	366	9
52.1401	Business Marketing and Marketing Management	24,122	1,313	21,098	1,677	34
52.1402	Marketing Research	192	0	94	98	0
52.1403	International Business Marketing	177	63	28	86	0
52.1499	Marketing Management and Research, Other	1,283	59	957	264	3
52.1501	Real Estate	849	217	402	230	0
52.1601	Taxation	1,353	0	0	1,352	1
52.9999	Business Management and Administrative Services, Other	8,032	1,833	3,457	2,691	51
95.0000	**Undesignated Fields** **	5,343	3,017	1,373	868	85

* Total excludes first-professional degrees.

** Includes degrees conferred for fields with no CIP code, schools reporting only total degrees by award level and gender, and nonrespondents for which field of study could not be imputed.

NOTE.--Data represent programs, not organizational units within institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey 1997-98 and "Consolidated" survey 1998.

Methodology

Overview

The 1997-98 Completions (C) survey was mailed to 4,730 Title IV participating institutions of higher education in the 50 states, District of Columbia, and the outlying areas. In addition, the Consolidated (CN) survey form, which also requested completions data, was mailed to 4,985 other schools offering degrees or awards ranging from certificates of less-than-one-year to post-master's certificates. The completions data collected by the CN survey were extracted, reformatted, and incorporated into the file along with the C data.

Universe, Institutions Surveyed and Response Rates

A major subset of all postsecondary institutions are those institutions that have Program Participation Agreements (PPA) with the Department of Education and thus may participate in Title IV federal financial aid programs. It is this group of institutions that annually receives a Completions survey. Beginning in 1996, this subset of institutions was validated by matching the IPEDS universe with the Postsecondary Education Participation System (PEPS) file which is maintained by the Office of Postsecondary Education (OPE). This validation process determined that 6,897 institutions would receive one of the survey forms.

The 1997-98 survey forms were mailed in July 1998 to a universe of all 4-year, 2-year, and less than 2-year schools. The survey results were collected from October 1998 through April 1999. During this time period institutions determined to be out-of-scope were deleted from the universe. These deletions resulted from formal notification by IPEDS state coordinators, validation against the PEPS file, and from followup telephone calls. Included in the deletions were schools that had closed, did not offer postsecondary programs, or that were identified as duplicates on the file. At the conclusion of this process, 9,519 institutions remained in-scope.

Followup for nonresponse began in November 1998 and was conducted by letter and telephone. The Postsecondary Education Telephone System (PETS) was used to solicit data from the nonrespondents to the surveys in those institutions for which IPEDS state coordinators were not responsible for followup. Schools responding through PETS were asked to provide only the total number of completions, by award level and gender; racial/ethnic data were not requested.

Table M-1 shows the number of institutions that were mailed the 1997-98 Completions survey (or Consolidated form) by level and control of institution (sector); the final in-scope universe of institutions receiving either survey form; the number of in-scope institutions that responded; and the response rates.

Table M-1.--Number of postsecondary institutions in the 1997-98 Completions survey and survey response rates, by survey form and sector of institution: 50 states, District of Columbia, and the outlying areas, 1997-98

Survey form and sector of institution	Mailed	Final universe	Number responded	Response rate
All postsecondary	9,715	9,519	7,028	73.8
Completions survey (C)	4,730	4,678	4,262	91.1
Consolidated survey (CN)	4,985	4,841	2,766	57.1
4-year	2,876	2,878	2,553	88.7
Public	639	644	635	98.6
Private, not-for-profit	2,002	1,987	1,708	86.0
Private, for-profit	235	247	210	85.0
2-year	2,773	2,728	2,405	88.2
Public	1,277	1,260	1,206	95.7
Private, not-for-profit	541	515	387	75.1
Private, for-profit	955	953	812	85.2
Less-than-2-year	4,066	3,913	2,070	52.9
Public	363	355	297	83.7
Private, not-for-profit	295	292	159	54.5
Private, for-profit	3,408	3,266	1,614	49.4

NOTE: By definition, 4-year institutions offer a bachelor's degree or postbaccalaureate award of some kind; 2-year institutions offer at least one program of at least 2 years duration; and less-than-2-year schools offer only programs of less-than-2-years duration. The sector of the institution at the time of mailout (as of July 1998) may differ from its final sector (as of June 1999), due to a shift in the highest level of offering, or due to improper classification by sector the prior year. Response rates were calculated as the ratio of the number of completed survey forms divided by the number of schools in the final universe; that is, the number mailed minus the number determined to be out-of-scope.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

On the Completions and Consolidated survey files, institutions are identified as (1) degree-granting, i.e., those that offer either an associate's, bachelor's, master's, doctor's, or first-professional degree; or (2) non-degree-granting (certificate only), i.e., those institutions offering only less-than-4-years, postbaccalaureate, post-master's, or first-professional certificates.

Table M-2 provides the number of institutions and survey response rates by degree-granting status, the existence of a PPA, and by location and sector of institution. A final verification against the PEPS file in March 1999 indicated that 196 institutions that were sent a Completions or Consolidated survey no longer had valid PPA's. There are 6,474 participating institutions on the file; of these, 4,092 are degree-granting and 4,015 are in the 50 states and District of Columbia.

Editing

During editing, all forms were checked for CIP code validity against the 1990 version of *Classification of Instructional Programs*. Several addition checks were performed. For each 6-digit program, the sum of the racial/ethnic columns for men and women was compared with the totals reported. Also, for each award level, total lines for each race/ethnicity and gender were generated and compared to reported totals. If the reported total differed, but was within a designated range, the reported total was replaced by the generated total and the cell was flagged with the proper imputation code. If the difference exceeded the designated range, institutions were contacted for verification of the reported data and, as appropriate, corrections were made to the file.

Imputations

Completions data were imputed for nonresponding institutions - both total nonresponse and partial nonresponse to specific data items. The following imputation procedures were used:

Total Nonrespondents

1. For institutions with reported data on the 1996-97 Completions file, the prior year's data, including race/ethnicity and program or discipline, were used. The totals by award level and discipline were unchanged.

2. For institutions without prior year data but that were respondents or had data imputed on the Fall Enrollment 1997 file and responded to the 1998-99 Institutional Characteristics (IC) survey:

a. The level(s) of awards to be imputed were determined from the IC data; and

b. Schools which did respond to the 1997-98 Completions survey were grouped by institution sector and degrees/certificates awarded. Ratios of

Table M-2 --Number and survey response rates of postsecondary institutions, by Title IV participation, degree-granting status, and location and sector of institution: 50 states, District of Columbia, and the outlying areas, 1997-98

Degree-granting status and location and sector of institution	All institutions			Participating			Not participating		
	Final universe	Number responded	Response rate	Final universe	Number responded	Response rate	Final universe	Number responded	Response rate
All institutions	9,519	7,028	73.8	6,474	6,153	95.0	3,045	875	28.7
50 states and DC	9,355	6,907	73.8	6,333	6,042	95.4	3,022	865	28.6
Outlying areas	164	121	73.8	141	111	78.7	23	10	43.5
Degree-granting	4,543	4,195	92.3	4,092	3,999	97.7	451	196	43.5
50 states and DC	4,455	4,122	92.5	4,015	3,932	97.9	440	190	43.2
Outlying areas	88	73	83.0	77	67	87.0	11	6	54.5
Non-degree-granting	4,976	2,833	56.9	2,382	2,154	90.4	2,594	679	26.2
50 states and DC	4,900	2,785	56.8	2,318	2,110	91.0	2,582	675	26.1
Outlying areas	76	48	63.2	64	44	68.8	12	4	33.3
All institutions	9,519	7,028	73.8	6,474	6,153	95.0	3,045	875	28.7
4-year	2,878	2,553	88.7	2,408	2,368	98.3	470	185	39.4
Public	644	635	98.6	633	630	99.5	11	5	45.5
Private, not-for-profit	1,987	1,708	86.0	1,586	1,551	97.8	401	157	39.2
Private, for-profit	247	210	85.0	189	187	98.9	58	23	39.7
2-year	2,728	2,405	88.2	2,342	2,236	95.5	386	169	43.8
Public	1,260	1,206	95.7	1,216	1,183	97.3	44	23	52.3
Private, not-for-profit	515	387	75.1	310	291	93.9	205	96	46.8
Private, for-profit	953	812	85.2	816	762	93.4	137	50	36.5
Less-than-2-year	3,913	2,070	52.9	1,724	1,549	89.8	2,189	521	23.8
Public	355	297	83.7	258	247	95.7	97	50	51.5
Private, not-for-profit	292	159	54.5	105	95	90.5	187	64	34.2
Private, for-profit	3,266	1,614	49.4	1,361	1,207	88.7	1,905	407	21.4
Degree-granting	4,543	4,195	92.3	4,092	3,999	97.7	451	196	43.5
4-year	2,731	2,476	90.7	2,371	2,335	98.5	360	141	39.2
Public	634	628	99.1	627	624	99.5	7	4	57.1
Private, not-for-profit	1,869	1,650	88.3	1,562	1,531	98.0	307	119	38.8
Private, for-profit	228	198	86.8	182	180	98.9	46	18	39.1
2-year	1,812	1,719	94.9	1,721	1,664	96.7	91	55	60.4
Public	1,091	1,061	97.3	1,079	1,052	97.5	12	9	75.0
Private, not-for-profit	203	176	86.7	161	153	95.0	42	23	54.8
Private, for-profit	518	482	93.1	481	459	95.4	37	23	62.2
Non-degree-granting	4,976	2,833	56.9	2,382	2,154	90.4	2,594	679	26.2
4-year	147	77	52.4	37	33	89.2	110	44	40.0
Public	10	7	70.0	6	6	100.0	4	1	25.0
Private, not-for-profit	118	58	49.2	24	20	83.3	94	38	40.4
Private, for-profit	19	12	63.2	7	7	100.0	12	5	41.7
2-year	916	686	74.9	621	572	92.1	295	114	38.6
Public	169	145	85.8	137	131	95.6	32	14	43.8
Private, not-for-profit	312	211	67.6	149	138	92.6	163	73	44.8
Private, for-profit	435	330	75.9	335	303	90.4	100	27	27.0
Less-than-2-year	3,913	2,070	52.9	1,724	1,549	89.8	2,189	521	23.8
Public	355	297	83.7	258	247	95.7	97	50	51.5
Private, not-for-profit	292	159	54.5	105	95	90.5	187	64	34.2
Private, for-profit	3,266	1,614	49.4	1,361	1,207	88.7	1,905	407	21.4

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1997-98 and "Consolidated" survey, 1998

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the number of degrees by award level, race, and gender to enrollment by level, race, and gender were developed, and these ratios were applied to the nonresponding institution's enrollment data to compute estimated total completions by award level, race, and gender.

c. No imputations were made by program or discipline. (Note: These show as "undesignated" in the tables

3. For institutions with neither 1996-97 Completions data nor Fall Enrollment 1997 data, but which did have data on the 1998-99 IC file, the levels of awards to be imputed were again determined from the IC data and responding institutions were grouped by institution sector and degrees/certificates awarded. The mean numbers of degrees by award level, race, and gender from respondents in each group were used as the imputed values for nonresponding institutions within that same group.

Partial Nonrespondents

Partial imputations were performed for those institutions that failed to report race/ethnicity and/or data by program or discipline, but provided total awards by level of award and gender.

1. If prior year Completions data were available, the distributions for levels of awards, race/ethnicity and discipline reported in the prior year were applied to current year reported total awards.

2. If no prior year Completions data were available, the distributions of reported total awards by race/ethnicity within degree levels and gender were based on a group of similar institutions, as defined by institutional sector and degrees/certificates awarded.

Table M-3 provides the number and percentage of degrees imputed for each award level, by gender.

Table M-3.--Number and percentage of all degrees and awards imputed for all postsecondary institutions, by control of institution, level of award, and gender: 50 states, District of Columbia, and the outlying areas, 1997-98

Level of award and gender	Total			Public			Private, not-for-profit			Private, for-profit		
	Degrees/ certificates awarded	Imputed		Degrees/ certificates awarded	Imputed		Degrees/ certificates awarded	Imputed		Degrees/ certificates awarded	Imputed	
		Total	%		Total	%		Total	%		Total	%
Less than 1 year	386,666	13,380	3.5	159,239	2,086	1.3	17,258	444	2.6	210,169	10,850	5.2
Men	180,325	4,365	2.4	74,427	825	1.1	8,077	189	2.3	97,821	3,351	3.4
Women	206,341	9,015	4.4	84,812	1,261	1.5	9,181	255	2.8	112,348	7,499	6.7
At least 1 but less than 2 years	269,413	12,452	4.6	142,456	1,925	1.4	16,374	564	3.4	110,583	9,963	9.0
Men	98,222	4,114	4.2	55,888	758	1.4	6,920	213	3.1	35,414	3,143	8.9
Women	171,191	8,338	4.9	86,568	1,167	1.3	9,454	351	3.7	75,169	6,820	9.1
Associate's degrees	580,591	6,626	1.1	468,700	4,615	1.0	52,151	674	1.3	59,740	1,337	2.2
Men	230,218	2,649	1.2	180,590	1,736	1.0	19,818	219	1.1	29,810	694	2.3
Women	350,373	3,977	1.1	288,110	2,879	1.0	32,333	455	1.4	29,930	643	2.1
At least 2 but less than 4 years	36,169	1,694	4.7	16,143	185	1.1	7,707	372	4.8	12,319	1,137	9.2
Men	17,792	700	3.9	9,871	115	1.2	2,447	153	6.3	5,474	432	7.9
Women	18,377	994	5.4	6,272	70	1.1	5,260	219	4.2	6,845	705	10.3
Bachelor's degrees	1,203,827	5,350	0.4	791,630	2,343	0.3	398,238	3,001	0.8	13,959	6	0.0
Men	527,779	2,070	0.4	351,018	1,097	0.3	168,772	969	0.6	7,989	4	0.1
Women	676,048	3,280	0.5	440,612	1,246	0.3	229,466	2,032	0.9	5,970	2	0.0
Post-baccalaureate certificates	10,786	43	0.4	3,054	0	0.0	6,112	43	0.7	1,620	0	0.0
Men	3,674	17	0.5	1,114	0	0.0	2,262	17	0.8	298	0	0.0
Women	7,112	26	0.4	1,940	0	0.0	3,850	26	0.7	1,322	0	0.0
Master's degrees	434,491	1,576	0.4	237,086	258	0.1	190,384	1,315	0.7	7,021	3	0.0
Men	186,444	629	0.3	98,412	107	0.1	84,301	520	0.6	3,731	2	0.1
Women	248,047	947	0.4	138,674	151	0.1	106,083	795	0.7	3,290	1	0.0
Post-master's certificates	8,862	29	0.3	5,691	0	0.0	3,158	29	0.9	13	0	0.0
Men	2,957	14	0.5	1,747	0	0.0	1,207	14	1.2	3	0	0.0
Women	5,905	15	0.3	3,944	0	0.0	1,951	15	0.8	10	0	0.0
Doctor's degrees	46,571	174	0.4	29,815	3	0.0	16,150	171	1.1	606	0	0.0
Men	26,985	85	0.3	17,454	2	0.0	9,284	83	0.9	247	0	0.0
Women	19,586	89	0.5	12,361	1	0.0	6,866	88	1.3	359	0	0.0
First-professional degrees *	80,021	492	0.6	31,673	0	0.0	47,853	492	1.0	495	0	0.0
Men	45,800	284	0.6	17,176	0	0.0	28,343	284	1.0	281	0	0.0
Women	34,221	208	0.6	14,497	0	0.0	19,510	208	1.1	214	0	0.0
First-professional certificates	1,037	0	0.0	479	0	0.0	532	0	0.0	36	0	0.0
Men	556	0	0.0	286	0	0.0	245	0	0.0	25	0	0.0
Women	491	0	0.0	193	0	0.0	287	0	0.0	11	0	0.0

* First-professional degrees are awarded after completion of the academic requirements to begin practice in the following professions: Chiropractic (D.C. or D.C.M.); Dentistry (D.D.S. or D.M.D.); Law (L.L.B., J.D.); Medicine (M.D.); Optometry (O.D.); Osteopathic Medicine (D.O.); Pharmacy (Pharm.D.); Podiatry (D.P.M., D.P., or Pod.D.); Theology (M.Div., M.H.L., B.D., or Ordination); or Veterinary Medicine (D.V.M.).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1997-98 and "Consolidated" survey, 1998.

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